FPDS-NG

Federal Procurement Data System
Next Generation

Validations

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prepared by
FPDS Reengineering Program Office
Office of Acquisition Policy
Office of Governmentwide Policy
General Services Administration

The FPDS-NG Mission

"We provide timely, accurate information about Federal Contracts to acquisition managers, Congress, and the public.

"We support government electronic procurement systems by providing web-based support services to maximize accuracy and minimize the total resource consumption in collecting the data."

J5.1   Overview of Validations

FPDS-NG will validate data submited to it. Types of validations include:
- Formatting such as verifying that dates are valid.
- Adherence to defined conventions such as the convention for a Contract Number entered into a Procurement Instrument Identifier (PIID) field.
- Code validation such as verifying that a Contracting Agency Code is a valid code in the FIPS 95 table.
- Consistency with other data in order to enforce business rules such as "If Competitive Procedures = 'Simplified Acquisition Procedures', then Dollars Obligated must be less than or equal to $5,000,000".
- Use Case specific such as when the user is entering a Modification to an award, then the entered PIID must match a PIID for an award that already exists in FPDS-NG.

J5.2   Guide to Validation Specification

The data elements are listed below followed by the validations that are unique to the data element. The formats include Validation Reference Number, Data Elements, or Other Information Required for the Validation, and Validation Requirement.

Most validations are specific such as:
> If Data Element A = N, then Data Element B must = M.

Some Validations are less specific such as:
> If Contracting agency Code indicates DoD, then Data Element A must = N.

In this example, there are many Contracting Agency Codes that are DoD codes, so the validation specification is simplified although the implementation may be complex. The contractor is responsible for determining the best implementation.

There is no data element called Use Case or Today's Date. Validations that reference these assume that the FPDS-NG knows the date and that the user interface is tracking what the user is asking FPDS-NG to do such as Add an Award or Add a Modification. Implementation of these pseudo-fields is the responsibility of the contractor.

The Use Case Summary defines which data elements may be entered for each use case. Therefore, no validations are provided here to ensure that only allowable data elements are entered. The contractor is responsible for determining the best implementation.

J5.3   Agency-Specific Validations

Agency Interface Agreements will result in agency-specific validations. The Government will work with agencies to specify agency-specific validations as part of developing the Agency Interface Agreements.

FPDS-NG will implement agency-specific validations once an Agency Interface Agreement is ratified. (Note: Under Alternative I, ne gotiating Interface Agreements would be the responsibility of the contractor.)

J5.4   Validations for Data Elements

PROPOSED FPDS-NG CONTRACT DATA

1   Contract Identification Information

1A   Procurement Instrument Identifier (PIID)

1	Format	PIID must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation.
2	~~Contracting Agency Code~~	~~The first characters (length to be determined by coordination with FPDC) must be a valid Agency contract number prefix from the Agency Prefix table. (If this is accepted as a federal standard.)~~
3	PIID and Use Case	If the PIID exists, then the Use Case must be Modify, Change, Delete, or Void. If the PIID does not exist, then the Use Case must be Add IDV, Add Award, or Void.
4	PIID and Source UserID	For IDV, if the PIID exists, then the Source UserID must be authorized to operate on the PIID. For Award types (including IDV awards), FPDS-NG will validate PIIDs to ensure they comply with the contracting agency's PIID schema.

1B   Modification Number

1	Format	Modification Number must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation.
2	Format	Modification Number must not equal "Award" or "Basic" or all zeros or any other "odd" /disallowed value.
3	Use Case	If Modification Number already exists, then Use Case must be Change, Delete, or Void.
4	Use Case	If Modification Number does not already exist, then Use Case must be Add Modification

	5	PIID	For the PIID and the Modification Number submitted, an Add Modification transaction may be accepted. once only.

1C   Referenced PIID

	1	PIID	Referenced PIID must be an existing PIID or blank
	2	Type of Award	If Type of Award is Delivery Order or BPA Call, then Referenced PIID must have a value.

1D   Transaction Number

	1	Format	Transaction Number must be an integer between 001 and 999 or must be blank. Requires specific agreement with FPDC
	2	PIID, Modification Number	Transaction Number must be unique within a PIID and Modification Number.

1E   Solicitation Identifier

	1	Format	Solicitation Identifier must be upper case alpha and numeric only with no embedded spaces or special characters. FPDS-NG will convert lower case letters to upper case, remove leading or trailing blank spaces, and remove any non-alphanumeric characters prior to validation.
	2	Pre-Award Solicitation Requirement	If Pre-Award Solicitation Requirement = Yes, then Solicitation Identifier must be in FedBizOpps. (Note: Must be coordinated with Agencies and with FedBizOpps.)
	3	Pre-Award Solicitation Requirement	If Pre-Award Solicitation Requirement = No, then Solicitation Identifier may be blank.

2   Dates

2A   Date Signed

	1	Format	Date Signed must be a valid date.
	2	Today's Date	Date Signed cannot be later than the today's date.
	3	Today's Date	Date Signed year cannot be prior to 5 years before the current fiscal year.

2B   Effective Date

1	Format	Effective Date must be a valid date.
2	Today's Date	Effective Date year cannot be prior to 5 years before the current fiscal year.

2C   Current Completion Date
1 Format   Current Completion Date must be a valid date.
2 Effective Date   Current Completion Date must be equal to or later than Effective
                        Date, unless use case is modification.
3 Ultimate   Current Completion Date must be less than or equal to Ultimate
  Completion Date   Completion Date

2D   Ultimate Completion Date
1 Format   Ultimate Completion Date must be a valid date.
2 Product or   If Product or Service Code begins with 'X' (leases) or for Product
  Service Code,   or Service Code begins with 'S' (utilities), then Ultimate
  Effective Date   Completion Date may be later than 25 years after Effective Date
                        of the Award. Otherwise Ultimate Completion Date must be less
                        than or equal to 25 years after Effective Date of the Award.

2E   Indefinite Delivery Vehicle Last Date to Order
1 Format   IDV Last Date to Order must be a valid date.
2 Effective Date   Last Date to Order must be equal to or later than Effective Date
                        of the IDV

~~13~~3   Dollar Values

3A   Ultimate Contract Value
1 Format, Award   Ultimate Contract Value must be currency (Dollar value –
  Type   numeric, optionally allowing $ symbol, and comma. Decimal
                        point is required before cents. Minus sign required for negative
                        values). If use case is an Award Type, then Ultimate Contract
                        Value must be greater than or equal to $0.00.
2 ~~Dollars~~   ~~Ultimate Contract Value must be greater than or equal to Dollars~~
  ~~Obligated~~   ~~Obligated.~~
3 Synopsis Waiver   If Synopsis Waiver Exception = Yes, then Ultimate Contract
  Exception   Value >= $25,000 and <= $100,000
4 Commercial   If Commercial Item Test Program = Yes, then the Ultimate
  Item Test   Contract Value must be less than or equal to $5,000,000.
  Program
5 Competitive   If Competitive Procedures = Very Small Business Set-Aside, then
  Procedures   the Ultimate Contract Value must be less than or equal to
                        $50,000.
6 Competitive   If Competitive Procedures = Emerging Small Business Set-Aside,
  Procedures   then the Ultimate Contract Value must be less than or equal to
                        $25,000.

3B Current Contract Value

1	Format, Award Type	Current Contract Value must be currency. If use case is an Award Type, then Current Contract Value must be greater than or equal to $0.00.
2	Ultimate Contract Value	Current Contract Value must be less than or equal to Ultimate Contract Value.

3C Dollars Obligated

1	Format	Dollars Obligated must be currency.
2	Award Type	If Award Type has a value, then Dollars Obligated must be greater than or equal to $0.00.
3	Reason for Modification	If Reason for Modification = Terminate for Default, then Dollars Obligated must be less than or equal to $0.00.
4	Current Contract Value	The sum of Dollars Obligated for all transactions with the same PIID must be less than or equal to Current Contract Value
5	PIID	If Dollars Obligated is less than $0.00, then the total of all dollars obligated for the submited PIID must be greater than the amount for this transaction.

4 Purchaser Information

4A Contracting Agency Code

1	FIPS 95 Look-up Table	Contracting Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source: http://www.itl.nist.gov/fipspubs/fips95-2.doc)

4B Contracting Office Code

1	FPDS-NG Contracting Office/Funding Office Lookup Table, Contracting Agency Code	Contracting Office Code must be a valid contracting office code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.

4C Program/Funding Agency – Code

1	FIPS 95 Look-up Table	Program/Funding Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source: http://www.itl.nist.gov/fipspubs/fips95-2.doc)

4D Program/Funding Office - Code

1	FPDS-NG Contracting Office/Funding Office Lookup Table, Program/Funding Agency Code	Program/Funding Office – Code must be blank or must be a valid funding office code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.
2	Program/Funding Agency - Code	If Program/Funding Agency is DOD, then Program/Funding Office Code must have a value.

4E   Reason for Purchase

	1	Format	Reason for Purchase must be a valid value from the FPDS-NG Data Dictionary.
	2	Program/Funding Agency - Code, Product or Service Code	If Program/Funding Agency - Code is DoD and Product or Service Code begins with '70', 'D3', 'H170', 'H270', 'H370', 'H970', 'J070', 'K070','L070', 'N070', 'U012' or 'W070', then Reason for Purchase must not be blank, else Reason for Purchase must be blank.

4F   Contract Full/ Partially Funded by Foreign Government or International Organization

	1	Format	Contract Full / Partially by Foreign Government or International Organization is a Boolean.

4G   Source UserID

	1	Format	Source UserID obtained from log-in or web service connection information. (format to be specified by the contractor)

5   Contract Marketing Data

5A   Web Site URL

	1	Format	Web Site URL must be a web address.

5B   Who Can Use

	1	Format	Who Can Use must be a valid value from the FPDS-NG Data Dictionary.

5C   Maximum Order Limit

	1	Format	Maximum Order Limit must be Currency.

5D   Fee for Use of Service

	1	Format	Fee for Use of Service must be a valid value from the FPDS-NG Data Dictionary.

5E   Fixed Fee Value
    1 Format   Fixed Fee Value must be Percent.

5F   Fee Range Lower Value
    1 Format   Fee Range Lower Value must be Integer.

5G   Fee Range Upper Value
    1 Format   Fee Range Upper Value must be Integer.

5H   Ordering Procedure
    1 Format   Ordering Procedure must be String.

6   Contract Information

6A   Type of Contract
    1 Format   Type of Contract must be a valid entry from the FPDS-NG data dictionary when use case is an award type or an IDV type.
    2 Commercial Item   If Commercial Item Acquisition Procedures = Yes, then
       Acquisition   Type of Contract must = Fixed Price or Fixed Price with
       Procedures   Economic Price Adjustment.

6B   Letter Contract
    1 Format   Letter Contract is a Boolean.

6C   Multiyear Contract
    1 Format   Multiyear Contract is a Boolean.
    2 Competitive   If Competitive Procedures = Simplified Acquisition
       Procedures,   Procedures - Competitive or Reason Not Competed =
       Reason Not   Simplified Acquisition Procedures - Non-Competitive,
       Competed   then Multiyear Contract must = No.

    3 Award Type,   If Award Type = Delivery Order and Referenced PIID
       Referenced PIID,   points to an IDV for which IDV Type = FSS, then
       IDV Type   Multiyear Contract must = No.

6D   Type of IDC
    1 Format   Type of IDC must be a valid value from the FPDS-NG
                             Data Dictionary when use case is IDV/IDC (otherwise
                             blank).

6E   Multiple or Single Award IDC

1	Format	Multiple or Single Award IDC must be a valid value from the FPDS-NG Data Dictionary when use case is IDV/IDC (otherwise blank).

6F   Performance-Based Service Contract

1	Format	Performance-Based Service Contract is a string of length one with valid values of 'Y', 'N', or '*'.
2	IDV Type	If IDV Type = FSS, then Performance-Based Service Contract must be 'N'.
3	Product or Service Code	If Product or Service Code is numeric or begins with C, **S1**, or Y, then Performance-Based Service Contract must = 'N'.
4	DUNS Number	If DUNS Number represents Federal Prison Industries, i.e., UNICOR, then Performance-Based Service Contract must = 'N'.

6G   Major Program

1	Format	Major Program must be a value from agency maintained table or blank.

6M   Description of Requirement

1	Format	Description of Requirement is free form text.

6N   Purchase Card as Payment Method

1	Format	Purchase Card as Payment Method is a Boolean.

6O   Program Acronym

1	Format	Program Acronym is a String.

7   Legislative Mandates

7A   Clinger-Cohen Act Planning Compliance

1	Format	Clinger-Cohen Act Planning Compliance is a Boolean.

7B   Walsh-Healey Act

1	Format	Walsh-Healey Act is a Boolean.
2	DUNS Number	If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Walsh-Healey Act must = No.
3	Commercial Item Acquisition Procedures	If Commercial Item Acquisition Procedures = Yes, then Walsh-Healey Act must = No.
4	Principle Place of Performance	If Principle Place of Performance is not U.S., then Walsh-Healey Act = No.

7C Service Contract Act
    1 Format   Service Contract Act is a Boolean.
    2 DUNS Number   If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Service Contract Act must = No.
    3 Principle Place of Performance   If Principle Place of Performance is not U.S., then Service Contract Act = No.

7D Davis-Bacon Act
    1 Format   Davis-Bacon Act must be Boolean.
    2 DUNS Number   If DUNS Number is the DUNS that represent Federal Prison Industries, i.e., UNICOR, then Davis-Bacon Act must = No.
    3 Principle Place of Performance   If Principle Place of Performance is not U.S., then Davis-Bacon Act = No.

7E Economy Act
    1 Format   Economy Act is a Boolean.

7F Other Statutory Authority
    1 Format   Other Statutory Authority is a String.

8   Product or Service Information

8A Product or Service Code
    1 Product or Service Code Look-up Table   Product or Service Code must be in the FPDS-NG Product or Service Code Look-up Table. The table is based on the following sources: http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm and http://www.fpdc.gov/fpdc/psc1998.pdf
    2 Award Type, Referenced PIID, IDV Type   If Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS, then position 1 of Product or Service Code cannot be "A" (Research and Development) and Product or Service Code cannot be S111, S112, S114, or S119 (Utilities other than telecom).
    3 Synopsis Waiver Exception   If Synopsis Waiver Exception = Yes, then Product or Service Code must begin with A through Z, except for E. (The SBA/OFPP Waiver Pilot exception can only be applied to services. It cannot be applied to purchases of structures and facilities.)

4	Competitive Procedures, Reason Not Competed, DUNS Number	If Competitive Procedures = Basic Research or Reason Not Competed = Unsolicited Research, then Product or Service Code must begin with "A" (Research and Development), or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851.
5	Competitive Procedures, DUNS Number	If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then Product or Service Code must begin with "A" (Research and Development), or Product or Service Code may be 9999 if DUNS Number = 790238638 or 790238851.
6	Competitive Procedures	If Competitive Procedures = Architect – Engineer, then Product or Service Code must begin with "C". (Architect and Engineering Code)
7	Competitive Procedures, Reason Not Competed	If Competitive Procedures = SDB Set-Aside or Reason Not Competed = Non-Competitive 8(a), then Product or Service Code cannot start with "S1" (Utilities).
8	Reason Not Competed	If Reason Not Competed = Utilities, then Product or Service Code must begin with "S1" (Utilities).
9	Reason Not Competed	If Reason Not Competed = Authorized for Resale, then position 1 of Product or Service Code must be numeric.
10	Competitive Procedures	If Competitive Procedures = Emerging Small Business Set-Aside, then Product or Service Code must be any code starting with Y (Construction) or Z (Maintenance of Real Property) except Y216 or Z216 (Dredging), or C111, C112, C113, C114, C115, C116, C117, C118, C119, C121, C122, C123, C124, C129, C130, C211, C212, C213, C214, C215, C216, C219 (All Architect and Engineering Services), J998, J999 (Non-Nuclear Ship Repair), R404 (Surveying), S205 (Garbage Collection), T002, T004, T008, T009, T014 (Map Making), F015 (Well Drilling), P400 or P500 (Demolition).
11	Service Contract Act, DUNS Number	If Service Contract Act = Yes, then position 1 of Product or Service Code must be alpha, or Product or Service Code may be 9999 if DUNS Number = 790238638 or 790238851.
12	Davis-Bacon Act, DUNS Number	If Davis-Bacon Act = Yes, then Product or Service Code must be construction (begin with "Y" or "Z"), well drilling ("F015"), or demolition ("P400" or "P500"). Product or Service Code may be miscellaneous ("9999") if DUNS Number = 790238638 or 790238851.
13	Business Types, DUNS Number	If Business Types = Historically Black College or University, Minority Institution, or Educational Institution, then position 1 of Product or Service Code must be alpha, or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851.

8D   Bundled Requirement
      1 Format   Bundled Requirement is a Boolean.

8E   Bundled Contract Exception
      1 Format   Bundled Contract Exception must have a valid value
                             from the FPDS-NG Data Dictionary or blank.
      2 Bundled   If Bundled Requirement = Yes, then Bundled Contract
         Requirement   Exception must have a value, otherwise must be blank.

8G   NAICS
      1 NAICS   NAICS must be in the FPDS-NG NAICS Look-up
         Look-up   Table. The table is based on the following sources:
         Table   http://www.census.gov/pub/epcd/www/naics.html
                             and
                             http://www.census.gov/epcd/www/naics.html
      2 Performance-   If Performance-Based Service Contract = 'Y', then the
         Based   first three positions of NAICS must not be certain
         Service   types of construction (may not begin with 233 except
         Contract   233110, 234 or 235).
      3 Competitive   If Competitive Procedures = Emerging Small
         Procedures   Business Set-Aside, then NAICS must be one of the
                             following:
                             a) Certain Construction (233110, 233210, 233220,
                             233310, 233320, 234110, 234120, 234910, 234920,
                             234930, 234990, 235110, 235210, 235310, 235410,
                             235420, 235430, 235510, 235520, 235610, 235710,
                             235810, 235910, 235920, 235930, 235940, 235950
                             or 235990);
                             b) Various Non-Hazardous Waste Services
                             (562111,562119 or 562219);
                             c) Architecture, Engineering, Surveying, Mapping
                             (541310,541330, 541360 or 541370); or
                             d) Ship Building or Repairing (336611).
      4 Product or   If Product or Service Code is a service, NAICS must
         Service Code   be a service. If Product or Service Code is a product,
                             NAICS must be a product.

8H   Information Technology Commercial Item Category
      1 Format   IT Commercial Item Category must be a valid value
                             from the FPDS-NG Data Dictionary or blank.

2	Program/Funding Agency - Code, Product or Service Code, Competitive Procedures, Reason Not Competed	If Program/Funding Agency - Code is DoD and Product or Service Code is for IT Equipment or Services (begins with "70", "D3", "H170", "H270", "H370", "H970", "J070", "K070", "L070", "N070", "U012" or "W070") and Simplified Acquisition Procedures were used (Competitive Procedures = Simplified Acquisition Procedures - Competitive or Reason Not Competed = Simplified Acquisition Procedures - Non-Competitive), then IT Commercial Item Category must have a value, otherwise must be blank.
3	Commercial Item Acquisition Procedures	If Information Technology Commercial Item Category is A (Commercially Available Off-the-Shelf Item), B (Other Commercial Item of Supply), C (Non-developmental Item other than Commercial Item), or E (Commercial Service), then Commercial Item Acquisition Procedures must = Yes.
4	Commercial Item Acquisition Procedures	If Information Technology Commercial Item Category is D (Other Noncommercial Item of Supply), or F (Noncommercial Service), then Commercial Item Acquisition Procedures must = No.

8J   GFE/GFP
   1 Format   GFE/GFP is a Boolean.

8K   EPA-Designated Product(s)
   1 Format   EPA-Designated Product(s) must be a valid value from Data Dictionary or blank.

8L   Recovered Material Clauses

1	Format	Recovered Material Clauses must be a valid value from Data Dictionary or blank.
2	Award Type, Referenced PIID, IDV Type	If Award Type = DO and Referenced PIID Points to an IDV for which IDV Type = FSS, then Recovered Material Clauses must be blank.
3	EPA-Designated Product(s)	If EPA-Designated Product(s) = Not Required, then Recovered Material Clauses must be blank, else Recovered Material Clauses must have a value.

9 Contractor Data

9A   DUNS Number
    1 CCR   DUNS Number must be in the CCR or be 790238638 or 790238851. May not be a Federal Government Entity.
    2 Check Digit Algorithm*   DUNS Number must pass the Check Digit Algorithm.
    3 Principle Place of Performance   If state/country positions of Principle Place of Performance = "98", then DUNS Number must = 790238638.
    4 Principle Place of Performance   If the country positions of Principle Place of Performance = "ZZ", then DUNS Number must = 790238851.

9B   Contractor Name from Contract
    1 Format, DUNS Number   Contractor Name from Contract must not be blank unless DUNS Number is 790238638 (Classified Domestic Contractors) or 790238851 (Classified Foreign Contractors). Fill with "Classified".

9C   Principle Place of Performance
    1 FIPS 55/10 Look-up Table   Principle Place of Performance must be in FPDS-NG FIPS 55/10 look-up table. The table is based on the following sources: ftp://mapping.usgs.gov/pub/fips55/, and http://www.itl.nist.gov/fipspubs/fip10-4.htm (or later)
    2 Format   If Country is U.S., State and City or Place must be completed, otherwise they must be left blank.
    3 Place of Manufacture   If Place of Manufacture = Foreign, then Principle Place of Performance must be a valid foreign country code.
    4 Contingency, Humanitarian, or Peacekeeping Operation   If Contingency, Humanitarian, or Peacekeeping Operation = Yes, then state/country positions of Principle Place of Performance must be a valid foreign country code.

9E   Country of Origin
    1 FPDS-NG FIPS 10 look-up table   Country of Origin must be blank or in the FPDS-NG FIPS 10 look-up table. This table is based on the following sources: ftp://mapping.usgs.gov/pub/fips55/, and http://www.itl.nist.gov/fipspubs/fip10-4.htm (or later).
    2 Award Type, Referenced PIID, IDV Type   If Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS, then Country of Origin must be blank.
    3 DUNS Number   If DUNS Number represents Federal Prison Industries, i.e., UNICOR, then Country of Origin must be US.

9H   Place of Manufacture
    1   Format   Place of Manufacture must be a valid value from the FPDS-NG Data Dictionary or blank.

10   Competition Information

10B   Competitive Procedures
    1   Format

Competitive Procedures must be a valid value from the FPDS-NG Data Dictionary or blank.

    2   Reason Not Competed

If Reason Not Competed is blank, then Competitive Procedures must not be blank.

    3   Award Type, Reason Not Competed

If Award Type = DO, then Competitive Procedures must = Competitive Delivery Order or an appropriate Reason Not Competed must be submited.

    4   Product or Service Code, Reason Not Competed

If Product or Service Code = "S111", "S112", "S114" or "S119", then Competitive Procedures must have a value other than Small Business Set-Aside or Reason Not Competed must = Utilities.

    5   Small Business Competitiveness Demonstration Program, NAICS, Product or Service Code

If Small Business Competitiveness Demonstration Program equal Yes and Photography, Cartography, or Architect-Engineer Services are being procured (NAICS is coded "541310", "541330", "541360", or "541370" and Product or Service Code is equal "C" in first position or "T002", "T004", "T008", "T009", "T014", or "R404") then Competitive Procedures must = Architect – Engineer.
[Does this make sense? Photography and Cartography = A-E?]

    6   Business Types – SDB

If Competitive Procedures = SDB Set-Aside, SDB Participating Program, "SDB, 8(a) with HUBZone Priority", or Combination HUBZone and 8(a), then Business Types must = Small Disadvantaged Business or 8(a) Participant.

    7   Contracting Officer's Determination of Business Size

If Competitive Procedures = Small Business Set-Aside, then Contracting Officer's Determination of Business Size must = Small.

    8   Business Types – HUBZone

Competitive Procedures = HUBZone Set-Aside, Combination HUBZone and 8(a), HUBZone Price Evaluation Preference, or Combined HUBZone /SDB Price Adjustment or SDB, 8(a) with HUBZone Priority or Reason Not Competed = HUBZone Sole Source, then Business Types must = HUBZone Firm.

9	Business Types - Very Small Business	If Competitive Procedures = Very Small Business Set-Aside, then Contracting Officer's Determination of Business Size must = Small.
10	Business Types - Emerging Small Business	If Competitive Procedures = Emerging Small Business Set-Aside, then Business Types must = Emerging Small Business.
11	Business Types - HBCU/MI	If Competitive Procedures = HBCU or MI Set-Aside, then Business Types must = Historically Black College or University or Minority Institution.
12	Contracting Officer's Determination of Business Size	If Contracting Officer's Determination of Business Size is other than small, then Competitive Procedures must not = Small Business Set-Aside, SDB Set-Aside, SDB Set-Aside, HBCU or MI Set-Aside, Very Small Business Set-Aside, Emerging Small Business Set-Aside, HUBZone Set-Aside, Combination HUBZone and 8(a), SDB Price Evaluation Adjustment, SDB Preferential Consideration - Partial SB Set-Aside, HUBZone Price Evaluation Preference, or Combined HUBZone Preference and Small Disadvantaged Business Price Evaluation Adjustment.
13	Contracting Officer's Determination of Business Size - Eligible for SBIR	If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then Contracting Officer's Determination of Business Size must equal Small Business.

10C   Reason Not Competed

1	Format	Reason Not Competed must be a valid value from the FPDS-NG Data Dictionary.
2	Competitive Procedures	If Competitive Procedures is blank, then Reason Not Competed must not be blank.
3	DUNS Number	If DUNS Number is the DUNS that represents Federal Prison Industries, i.e., UNICOR, then Reason Not Competed must = UNICOR.

10D   Number of Offers Received

1	Format	Number of Offers Received must be a number between 1 and 999.
2	Reason Not Competed	If Reason Not Competed is not blank, then Number of Offers Received must =1.

| 3 | Award Type, Competitive Procedures | If Award Type = DO, then Reason Not Competed must be completed or Competitive Procedures must = Competitive Delivery Order.
[This is in the wrong spot – move to Award type or Reason Not Competed.] |

10E Pre-Award Synopsis Requirement

| 1 | Format | Pre-Award Synopsis Requirement is a Boolean. |

10F Synopsis Waiver Exception

1	Format	Synopsis Waiver Exception is a Boolean.
2	Contracting Officer's Determination of Business Size	If Synopsis Waiver Exception = Yes, then Contracting Officer's Determination of Business Size must be Small.
3	Award Type, Competitive Procedures, Reason Not Competed	If Synopsis Waiver Exception = Yes, then Award Type must = Purchase Order and Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive.
4	Small Business Competitiveness Demonstration Program	If Small Business Competitiveness Demonstration Program = Yes, then Synopsis Waiver Exception must = No.

10G Alternative Advertising
| 1 | Format | Alternative Advertising is a Boolean. |

10H Commercial Item Acquisition Procedures
| 1 | Format | Commercial Item Acquisition Procedures must be Yes, or No. |
| 2 | Commercial Item Test Program | If Commercial Item Test Program = Yes, then Commercial Item Acquisition Procedures must = Yes. |

10L A-76 (FAIR Act) Action
| 1 | Format | A-76 (Fair Act) Action is a Boolean. |

11   Preference Programs

11A Contracting Officer's Determination of Business Size
| 1 | Format | Contracting Officer's Determination of Business Size must be a valid value from the FPDS-NG Data Dictionary. |

11B Subcontracting Plan

1	Format	Subcontracting Plan must be a valid value from the FPDS-NG Data Dictionary.
2	Contracting Officer's Determination of Business Size	If Contracting Officer's Determination of Business Size = Small Business, then Subcontracting Plan must be Not Required.
3	Competitive Procedures, Reason Not Competed	If Competitive Procedures = Simplified Acquisition Procedures - Competitive or Reason Not Competed = Simplified Acquisition Procedures - Non-Competitive, then Subcontracting Plan must be Not Required.
4	DUNS Number	If DUNS Number is the DUNS that represent Federal Prison Industries, i.e., UNICOR, then Subcontracting Plan must be Not Required.
5	Principal Place of Performance	If Principal Place of Performance does not indicate US, then Subcontracting Plan must be Not Required.
6	Business Types - JWOD	If Business Type is JWOD, then Subcontracting Plan must be Not Required.

11C Price Evaluation Adjustment/Preference Percent Difference

1	Format	Price Evaluation Adjustment/Preference Percent Difference must be a whole percent or blank or zero.
2	Competitive Procedures	If Competitive Procedures = SDB Price Evaluation Adjustment, HUBZone Price Evaluation Preference or SDB Preferential Consideration - Partial SB Set-Aside, then Price Evaluation Adjustment/Preference Percent Difference must be greater than 00% and less or equal to 10%. If Competitive Procedures = Combined HUBZone/Small Disadvantaged Business Price Adjustment) then Price Evaluation Adjustment/Preference Percent Difference must be greater than 00% and less or equal to 20%.

11D Reason Not Awarded to Small Disadvantaged Business

1	Format	Reason Not Awarded to Small Disadvantaged Business (SDB) must be a valid value from the FPDS-NG Data Dictionary or blank.
2	Contracting Officer's Determination of Business Size, Business Types	Must be blank if the Contracting Officer determined that the contractor is a small business and the business type indicates a Disadvantaged Business.

11E   Reason Not Awarded to a Small Business
    1   Format   Reason Not Awarded to Small Business (SB) must be a valid value from the FPDS-NG Data Dictionary or blank.
    2   Contracting Officer's Determination of Business Size   Must be blank if the Contracting Officer determined that the contractor is a small business.

12   Transaction Information

12A   IDV Type
    1   Format   Must be a valid code from the FPDS-NG Data Dictionary or blank.
    2   Award Type, Reason for Modification   Must be blank if Award Type or Reason for Modification is completed.

12B   Award Type
    1   Format   Must be a valid code from the FPDS-NG Data Dictionary or blank.
    2   IDV Type, Reason for Modification   Must be blank if IDV Type or Reason for Modification is completed.

12C   Reason for Modification
    1   Format   Must be a valid code from the FPDS-NG Data Dictionary or blank.
    2   IDV Type, Award Type   Must be blank if IDV Type or Award Type is completed.

12D   Record Type
    1   Format   Must be a valid code from the FPDS-NG Data Dictionary.

PROPOSED FPDS-NG CONTRACTOR DATA

13   Contractor Data

13A   Contractor's TIN
    1   Format   Contractor's TIN must be obtained in CCR Data Element Business Rules.

13B   Number of Employees
    1   Format   Number of Employees must be obtained in CCR Data Element Business Rules.

13C   Annual Revenue
    1   Format   Annual Revenue must be obtained in CCR Data Element Business Rules.

13D   Registration Date
    1   Format   Registration Date must be obtained in CCR Data Element Business Rules.

13E   Renewal Date
    1   Format   Renewal Date must be obtained in CCR Data Element Business Rules.

13F   Organizational Type
    1   Format   Organizational Type is String. (See CCR Data Element Business Rules)

13G   Country of Incorporation
    1   Format   Country of Incorporation is String. (See CCR Data Element Business Rules)

13H   Parent's DUNS Number
    1   Format   Parent's DUNS Number must be obtained in CCR Data Element Business Rules

13I   Local Government
    1   Format   Local Government is a Boolean. Can be derived from the CCR data element 'Business Types'.

13J   State Government
    1   Format   State Government is a Boolean. Can be derived from the CCR data element 'Business Types'.

13K   Federal Government
    1   Format   Federal Government is a Boolean. Can be derived from the CCR data element 'Business Types'.

13L   Tribal Government
    1   Format   Tribal Government is a Boolean. Can be derived from the CCR data element 'Business Types'.

13M   Emerging Small Business
    1   Format   Emerging Small Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13N   8(a) Program Participant
    1   Format   8(a) Program Participant is a Boolean. Can be derived from the CCR data element 'Business Types'.

13O   Historically Underutilized Business Zone (HUBZone) Firm
    1   Format   Historically Underutilized Business Zone (HUBZone) Firm
                                 is a Boolean. Can be derived from the CCR data element
                                 'Business Types'.

13P Small Disadvantaged Business
    1   Format   Small Disadvantaged Business is a Boolean. Can be derived
                                 from the CCR data element 'Business Types'.

13Q   Sheltered Workshop (JWOD Provider)
    1   Format   Sheltered Workshop (JWOD Provider) is a Boolean. Can
                                 be derived from the CCR data element 'Business Types'.

13R   Historically Black College or University

    1   Format   Historically Black College or University is a Boolean. Can
                                 be derived from the CCR data element 'Business Types'.

13S Minority Institution
    1   Format   Minority Institution is a Boolean. Can be derived from the
                                 CCR data element 'Business Types'.

13T   Educational Institution
    1   Format   Educational Institution is a Boolean. Can be derived from
                                 the CCR data element 'Business Types'.

13U Woman Owned Business
    1   Format   Women Owned Business is a Boolean. Can be derived
                                 from the CCR data element 'Business Types'.

13V   Veteran Owned Business
    1   Format   Veteran Owned Business is a Boolean. Can be derived
                                 from the CCR data element 'Business Types'.

13W Service-Related Disabled Veteran Owned Business
    1   Format   Service-Related Disabled Veteran Owned Business is a
                                 Boolean. Can be derived from the CCR data element
                                 'Business Types'.

13X   Minority Owned Business
    1   Format   Minority Owned Business is a Boolean. Can be derived
                                 from the CCR data element 'Business Types'.

13Y American Indian Owned Business
    1   Format   American Indian Owned Business is a Boolean. Can be
                                 derived from the CCR data element 'Business Types'.

13Z Asian-Pacific American Owned Business
    1   Format   Asian-Pacific American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13AA Black American Owned Business
    1   Format   Black American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13BB Hispanic American Owned Business
    1   Format   Hispanic American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13CC Native American Owned Business
    1   Format   Native American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13DD Subcontinent Asian (Asian-Indian) American Owned Business
    1   Format   Subcontinent Asian (Asian-Indian) American Owned Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

13EE Nonprofit Organization
    1   Format   Nonprofit Organization is a Boolean. Can be derived from the CCR data element 'Business Types'.

13FF Very Small Business
    1   Format   Very Small Business is a Boolean. Can be derived from the CCR data element 'Business Types'.

PROPOSED FPDS-NG CONTRACTING OFFICE AND FUNDING OFFICE DATA

14   Contracting Office and Funding Office Data

14A Contracting/Funding Agency Code
    1   Format   Contracting/Funding Agency Code must be in the FPDS-NG FIPS 95 Agencies/Sub-agency look-up table. (The table is adapted from the following source: http://www.itl.nist.gov/fipspubs/fips95-2.doc)

14B   Contracting/Funding Office Code

	1	Format	Contracting/Funding Office Code must be a valid contracting/funding office code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.

14C   Contracting/Funding Office Name
	1	Format	Contracting/Funding Office Name is free form alphanumeric with maximum length of 100 characters.

14D   Region Code
	1	Format	Region Code must be blank or must be a valid code in the FPDS-NG Contracting Office/Funding Office Lookup Table for the agency.

14E   Contracting/Funding Office Start Date
	1	Format	Contracting/Funding Office Start Date must be a valid date.
	2	Contracting/Funding Office End Date (of Precedent Record)	Contracting/Funding Office Start Date must be equal to or one day later than the End Date of the record (if any) with the same Agency and Office Codes that existed prior to submission of instant record. (The records of one office constitute of historical chain of records for that office).

14F   Contracting/Funding Office End Date
	1	Format	Contracting/Funding Office End Date must be a valid date or be blank.
	2	Contracting/Funding Office Start Date (of Successor Record)	Contracting/Funding Office End Date must be equal to or one day earlier than the Start Date of the record (if any) with the same Agency and Office Codes that succeeds the instant record. (The records of one office constitute of historical chain of records for that office). If this is the current record, End Date is blank.

14G   Is Contracting Office
	1	Format	Is Contracting Office must be a Boolean.

PROPOSED FPDS-NG SUBCONTRACTING DATA

15   Subcontracting Data

15B   Reporting Period
	1	Format	Reporting Period must be numeric. Cannot be greater than current year.

15C   Type of Report
    1 Format   Type of Report must be numeric. Must be a valid value from the FPDS-NG Data Dictionary.

15D   Report Submitted As
    1 Format   Report Submitted As is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.

15E   Type of Plan
    1 Format   Type of Plan is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.

15F   Commercial Percent
    1 Format   Commercial Percent is Percent (Format is NNN.N or percent to the nearest tenth.)
    2 Type of Plan   Must be completed if Type of Plan equals C (Commercial).

15G   Contractor's Major Product or Service Lines
    1 Format   Contractor's Major Product or Service Lines is free form alphanumeric with maximum length of 100 characters.
    2 Format   At least one product service line must be listed.

15H   Small Business Concerns - Dollars
    1 Format   Small Business Concerns - Dollars must be currency.
    2 Format   If completed, must be numeric, right justified and zero filled.
                            Dollars may be left blank.

15I   Large Business Concerns - Dollars
    1 Format   Large Business Concerns - Dollars must be currency.
    2 Format   If completed, must be numeric right justified and zero filled.
                            Dollars may be left blank.

15K   Small Disadvantaged Business (SDB) Concerns - Dollars
    1 Format   Small Disadvantaged Business (SDB) Concerns - Dollars must be currency.
    2 Format   If completed, must be numeric, right justified and zero filled.
                            Dollars may be left blank.

15L   Small Disadvantaged Business Breakout
    1 Format   Small Disadvantaged Business Breakout is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.

15M Major NAICS Group
    1 Format   Major NAICS Group is three characters alphanumeric. Must be a valid Major NAICS Group.
    2 Small Disadvantaged Business Breakout   Must not be blank if Small Disadvantaged Business Breakout is coded A (All) or S (Some). Must be blank if Small Disadvantaged Business Breakout is coded "N" or blank.

15N NAICS Group Dollars
    1 Format   NAICS Group Dollars must be currency.
    2 Format   If completed, must be numeric, right justified, and zero filled.
                                      Dollars may be left blank.
    3 Small Disadvantaged Business (SDB) Concerns – Dollars, Small Disadvantaged Business Breakout   Sum of all NAICS Group Dollars must be less than or equal to Small Disadvantaged Business (SDB) Concerns – Dollars if Small Disadvantaged Business Breakout is coded S (Some) or A (All).

15O Women-Owned Small Business Concerns - Dollars
    1 Format   Women-Owned Small Business Concerns - Dollars must be currency.
    2 Format   If completed, must be numeric, right justified, and zero filled.
                                        Dollars may be left blank.

15P Historically Black Colleges and Universities (HBUC) - Dollars
    1 Format   Historically Black Colleges and Universities (HBUC) - Dollars must be currency.
    2 Format   If completed, must be numeric, right justified, and zero filled.
                                        Dollars may be left blank.

15Q HUBZone Small Business Concerns (HUBZone SB) - Dollars
    1 Format   HUBZone Small Business Concerns (HUBZone SB) - Dollars must be currency.
    2 Format   If completed, must be numeric, right justified, and zero filled.
                                        Dollars may be left blank.

15R Veteran-Owned Small Business (VOSB) Concerns - Dollars
    1 Format   Veteran-Owned Small Business (VOSB) Concerns - Dollars must be currency.

	2	Format	If completed, must be numeric, right justified, and zero filled. Dollars may be left blank.
	3	Service-Disabled Veteran-Owned Small Business Concerns - Dollars	Must be equal to or more than Service-Disabled Veteran-Owned Small Business Concerns – Dollars.

15S   Service-Disabled Veteran-Owned Small Business Concerns - Dollars

1	Format	Service – Disabled Veteran – Owned Small Business Concerns - Dollars must be currency.
2	Format	If completed, must be numeric, right justified, and zero filled. Dollars may be left blank.

15T   Contractor's Official Who Administers Subcontracting Program - First Name

1	Format	Contractor's Official Who Administers Subcontracting Program - First Name is free form alphanumeric with maximum length of 50 characters.

15U   Contractor's Official Who Administers Subcontracting Program - Last Name

1	Format	Contractor's Official Who Administers Subcontracting Program - Last Name is free form alphanumeric with maximum length of 50 characters.

15V   Contractor's Official Who Administers Subcontracting Program - Title

1	Format	Contractor's Official Who Administers Subcontracting Program - Title is free form alphanumeric with maximum length of 50 characters.

15W   Contractor's Official Who Administers Subcontracting Program - Telephone Number

1	Format	Contractor's Official Who Administers Subcontracting Program - Telephone Number must be a valid phone number

PROPOSED FPDS-NG CUSTOMER INFORMATION DATA

16   Customer Orders Database

16A   Order Number

1	Format	Order Number must be upper case alpha and numeric only with no embedded spaces or special characters.

16B   Staff Member Name
      1 Format   Staff Member Name is free form alphanumeric with maximum length of 50 characters.

16C   Date Order Received
      1 Format   Date Order Received must be a valid date.

16D   Date Order Sent to Programmer
      1 Format   Date Order Sent to Programmer must be a valid date.

16E   Date Payment Received
      1 Format   Date Payment Received must be a valid date.

16F   Date Order Promised For Customer
      1 Format   Date Order Promised For Customer must be a valid date.

16G   Date Order Sent to Customer
      1 Format   Date Order Sent to Customer must be a valid date.

16H   Status of Order
      1 Format   Status of Order is one character alphanumeric. Must be a valid value from the FPDS-NG Data Dictionary.

16I   Description of Requirement
      1 Format   Description of Requirement is free form alphanumeric with maximum length of 150 characters.

16J   Dollar Amount Received From Customer
      1 Format   Dollar Amount Received From Customer must be currency.

16K   Total Actual Cost
      1 Format   Total Actual Cost must be currency.

PROPOSED FPDS-NG OFFSET OFFICER DATA

17   Offset Officer Code Report

17A   Agency's TIN
      1 Format   Agency's TIN is nine character alphanumeric. Must be a valid Employer Identification Number (EIN) or Taxpayer Identification Number (TIN).

PROPOSED FPDS-NG Contact DATA ELEMENTS

18   Contact Data Elements

18A   Contact Title
    1   Format   Contact Title is free form alphanumeric with maximum length of 25 characters.

18B   Contact First or Given Name
    1   Format   Contact First or Given Name is free form alphanumeric with maximum length of 25 characters.

18C   Contact Middle Initial or Name
    1   Format   Contact Middle Initial or Name is free form alphanumeric with maximum length of 25 characters.

18D   Contact Last or Family Name
    1   Format   Contact Last or Family Name is free form alphanumeric with maximum length of 25 characters.

18E   Organization Legal Name
    1   Format   Organization Legal Name is free form alphanumeric with maximum length of 120 characters.

18F   Doing Business As Name
    1   Format   Doing Business As Name is free form alphanumeric with maximum length of 60 characters.

18G   Division Name
    1   Format   Division Name is free form alphanumeric with maximum length of 60 characters.

18H   Division Number / Office Code
    1   Format   Division Number / Office Code is ten character alphanumeric.

18I   Street Address

	1	Format	Street Address is any valid text characters used as location of the business, from 1 to 55 in uppercase and no leading spaces. The following strings are not acceptable for the Physical Address only; "PO BOX", "C/O", "CO", "CARE OF", "POST OFFICE" [Note: These can't begin the line and/or be followed by a number. "123 Co Street" would be okay, but "CO John Doe" would not.]

18J   Address Line 2
      1   Format   Address Line 2 is any valid text character used as location of the business, from 1 to 55 in uppercase and no leading spaces.

18K   Address Line 3
      1   Format   Address Line 3 is any valid text character used as location of the business, from 1 to 55 in uppercase and no leading spaces.

18L   City
      1   Format   City is free form alphanumeric with maximum length of 35 characters.

18M   State or Province
      1   Format   State or Province must be any valid 2 character USA state or possession or any valid Canadian Province. All other countries; this field is left blank.

18N   Postal or Zip Code
      1   Format   Postal or Zip Code must be any alphanumeric code in uppercase format. Cannot contain imbedded spaces. Special characters: one dash '-' only.

18O   Country Code
      1   Format   Country Code must be any valid 3 characters code found in the ISO3166 standard. Must be uppercase format. [Note: This is not consistent with 9C.]

18P   Voice Phone Number
      1   Format   Voice Phone Number is free form alphanumeric with maximum length of 12 characters.

18Q   Fax Phone Number
      1   Format   Fax Phone Number is free form alphanumeric with maximum length of 12 characters.

18R   Email Address
       1 Format   Email Address is free form alphanumeric with maximum
                              length of 80 characters.

PROPOSED FPDS-NG CHANGE TRANSACTIONS DATA ELEMENTS

19   Change Transactions Data Elements

19A   Element Number
       1 Format   Element Number is free form alphanumeric with maximum
                              length of 10 characters.

19B   New Value
       1 Format   New Value is free form alphanumeric with maximum
                              length of 1000 characters.

J5.5 Agency Specific Validations

J.5.5.1 DoD Specific Validations

1A   Procurement Instrument Identifier (PIID)
            NOTE   Positions may change as a result of FAR Case for FAR
                              4.11 (Unique Numbering of Procurement Instruments
         1 Format   Positions 1 thru 3 of PIID must not be "NIH" or "N1H".
         2 Format   PIID must be 13 characters.
         3 Format   Positions 1 thru 6 of the PIID must be a valid code
                              identifying the DoD department or agency that issued the
                              instrument.
         4 Format   Positions 7 & 8 of the PIID must be the last 2 digits of
                              FY in which initial contract number was assigned.
         5 Effective Date   PIID positions 7 and 8 must be equal to or less than
                              Effective Date year, except 1st quarter Effective Dates (1
                              Oct thru 31 Dec) for which positions 7 and 8 of PIID
                              may be 1 later than Effective Date year.
                              Note: Contracts awarded in FY 1999 or earlier require
                              special handling when Action Date is after 20000101
         5A Letter Contract   If Letter Contract = Y, then positions 7 and 8 of PIID
                              must be later than or equal to the last two digits of the
                              current FY - 1.
         6 Format   Position 9 of the PIID (Type of Instrument code) must be
                              listed in DFARS 204.7003.
         7 Format,   If Contracting Agency Code indicates a DoD Agency,
            Contracting   then position 9 of the PIID must not be the letters B, I, J,
            Agency Code   N, O, Q, R, T, U or Y.

8	Format, Award Type	If Award Type = DO or BPA Call and Referenced PIID indicates a non-DoD agency, then Position 9 of PIID must =A or F and Positions 11 thru 13 of PIID may not be blank.
9	Format	Position 10 of the PIID cannot be the letters I or O.
10	Competitive Procedures, Reason Not Competed	If position 9 of PIID is Purchase Order (M, W, P, or V), then Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive.
11	Award Type, Competitive Procedures, Reason Not Competed	If position 9 of PIID is A (BPA), then Award Type must = BPA Call or (Competitive Procedures must = Simplified Acquisition Procedures - Competitive or Reason Not Competed must = Simplified Acquisition Procedures - Non-Competitive).
12	Letter Contract, Reason for Modification, Award Type, Type of IDC	If position 9 of PIID is C, then Letter Contract must = Yes or Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.
13	Award Type, Referenced PIID, Type of IDC, IDV Type	If position 9 of PIID is D (IDC), then Award Type must = Stand-Alone Contract or (Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity) or (Award Type = Delivery Order and Referenced PIID must point to an IDV for which IDV Type = IDC). **NOTE: Can position 9 be D for a Requirements IDC?**
14	Reason for Modification, Award Type, Type of IDC	If position 9 of PIID is E (Facilities Contract), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.

15	Reason for Modification, Award Type, Type of IDC, DUNS Number, IDV Type	If position 9 of PIID is F (Action placed through non-DoD agency), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity or (Award Type = PO, DO, or BPA Call and (Business Types = Sheltered Workshop (JWOD Provider) or DUNS Number = 626627459 (UNICOR)) and Referenced PIID does not point to an IDV for which IDV Type = FSS).
16	Reason for Modification, Award Type, Type of IDC	If position 9 of PIID is L (Lease Agreement), then Reason for Modification must = Definitize Letter Contract or Award Type must = Stand-Alone Contract or Type of IDC must = Indefinite-Delivery-Definite-Quantity or Indefinite-Delivery-Indefinite-Quantity.
17	Reason for Modification, Award Type, Type of IDC	If position 9 of PIID is G (BOA) or H (Agreements other than BOA and BPA), then Award Type = Delivery Order and Referenced PIID must point to an IDV for which IDV Type = BOA **Note: DoD has agreements that are neither BOA nor BPA. For example: Basic Agreements and Loan Agreements**
18	Award Type	If Award Type = BPA Call, then position 9 of PIID must = "A"
19	Today's Date, Letter Contract	If Letter Contract = Y, then positions m+1 to m+2 must be later than or equal to the last two digits of the current FY - 1.
20	Today's Date, Type of Award	IDV Type is not blank or Award Type = Purchase Order or Stand-Alone Contract, then positions 7 and 8 must be later than or equal to the last two digits of the current FY - 5.
21	Contracting Agency Code, Business Types	If Contracting Agency Code indicates DoD and position 9 of PIID = F, then Business Types must = Sheltered Workshop (JWOD Provider).

1B	Modification Number	
1	Reason for Modification	If Reason for Modification is Definitize Letter Contract, then positions 1 and 2 of Modification Number must ="PZ".

2A   Date Signed

	1	Competitive Procedures, Reason Not Competed	If Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive, then Date Signed must be later than 19950702.

2C Current Completion Date

	1	Contracting Agency Code	If Contracting Agency Code indicates DoD, then the year field of Current Completion Date must not be less than positions 7 & 8 of PIID minus 1. Note: Contracts awarded in FY 1999 or earlier require special handling when Date Signed is after 20000101.
	2	Contracting Agency Code	If Contracting Agency Code indicates DoD, then the year field of Current Completion Date must not be greater than current calendar year + 20.

2E Indefinite Delivery Vehicle Last Date to Order

1	Contracting Agency Code, PIID	If Contracting Agency Code indicates DoD, then the year field of IDV Last Date to Order must not be less than positions 7 and 8 of the PIID.
2	Contracting Agency Code, Today's Date	If Contracting Agency Code indicates DoD, then the year field of IDV Last Date to Order must not be greater than current calendar year + 20.

3C Dollars Obligated

	1	Contracting Activity Code, PIID, Competitive Procedures, Reason Not Competed	If position 9 of PIID = M, P, W, or V (Purchase Order) and DoD Claimant Program Code is not "B20" and Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive, then Dollars Obligated must be less than or equal to $250,000. **NOTE: This validation requires a distinction between Simplified Acquisition Procedures under FAR 13.5 and other than FAR 13.5. FPDS-NG does not make this distinction.**
	2	Contingency, Humanitarian, or Peacekeeping Operation	If Contingency, Humanitarian, or Peacekeeping Operation = Contingency Operation, then absolute value of Dollars Obligated must be greater than $500,000.

6C   Multiyear Contract

1	Format	If Contracting Agency Code and/or Contracting Office Code do not indicate DLA Defense Energy Support Center and Multiyear Contract = Yes, then notify user to cross reference Contract Number to corresponding news releases.
2	Contracting Agency Code, Contracting Office Code	If Contracting Agency Code and/or Contracting Office Code do not indicate DLA Defense Energy Support Center and Multiyear Contract = Yes, then notify user to cross reference Contract Number to corresponding news releases.

6H   Contingency, Humanitarian, or Peacekeeping Operation

1	Format	Contingency, Humanitarian, or Peacekeeping Operation must be a valid value from the FPDS-NG Data Dictionary or blank.

6J   Cost or Pricing Data

1	Format	Cost or Pricing Data must be Y (Yes - Obtained), N (No - Not Obtained), W (Not Obtained - Waived), or Blank.
2	Award Type, Referenced PIID, IDV Type, Contracting Agency Code	If Award Type = DO or BPA Call and Referenced PIID points to an IDV for which (IDV Type = FSS or Contracting Agency Code does not indicate DoD), then Cost or Pricing Data must be blank, else Cost or Pricing Data must not be blank.

6K   Contract Financing

1	Format	Contract Financing must be a valid value from data dictionary.
2	Award Type, Referenced PIID, IDV Type, Contracting Agency Code	If Award Type = DO or BPA Call and Referenced PIID points to an IDV for which (IDV Type = FSS or Contracting Agency Code does not indicate DoD), then Contract Financing must be blank, else Contract Financing must not be blank.

| | 3 | Referenced PIID, Contracting Agency Code, Type of Contract | If (Referenced PIID is blank or Referenced PIID points to an IDV for which Contracting Agency Code = DoD) and Type of Contract = Cost Type (R, S, T, U, V), T&M (Y) or Labor Hour (Z), then Contract Financing must = D (Unusual Progress Payments or Advance Payments) or Z (Not Applicable). |
| | 4 | Procedure | If Contract Financing = D (Unusual Progress Payments or Advance Payments), then flagged action for verification. (WHS/DIOR internal use - refer to ODDP/CPA) |

6L   Cost Accounting Standards Clause

| | 1 | Format | Cost Accounting Standards Clause must be a Boolean. |

8A   Product or Service Code

	1	Competitive Procedures, DUNS Number	If Competitive Procedures = Architect – Engineer, then Product or Service Code must = C1--, C2--, T002, T004, T008, T009, T014, R404 or (9999 if DUNS Number=790238638 or 790238851.)
	2	Competitive Procedures, DUNS Number	If Competitive Procedures = Basic Research, then position 1 of Product or Service Code must =A or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851
	3	DoD Claimant Program Code	If DoD Claimant Program Code = "B20", then positions 1 and 2 of Product or Service Code must be "89".
	4	Competitive Procedures	If Competitive Procedures = SBIR Program Phase I Action or SBIR Program Phase II Action, then the 1st position of Product or Service Code must = A, and 4th position of Product or Service Code cannot be 7 or Product or Service Code may be 9999 if DUNS Number=790238638 or 790238851.)

8B   Program, System, or Equipment Code

| | 1 | Program, System, or Equipment Code Look-up Table | Program, System, or Equipment Code must be in the FPDS-NG Program, System, or Equipment Code Look-up Table. The table is based on the following source: http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm |
| | 2 | Contracting Office Code | If Contracting Office Code indicates DLA or DCMA, then the third position of Program, System, or Equipment Code (Sponsoring Military Department) must = 1 (Army), 2 (Navy), 3 (Air Force), or 4 (???). |

8F   DoD Claimant Program Code

	1	Format	DoD Claimant Program Code must be in the FPDS-NG DoD Claimant Program Code Look-up Table. The table is based on the following source: http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm DoD Claimant Program Code must = A1A, A1B, A1C, A20, A30, A4A, A4B, A50, A60, A70, A8A, A8B, A8C, A90, B10, B20, B30, B90, C20, C9A, C9B, C9C, C9D, C9E or S10.
	2	DoD Claimant Program Code Look-up Table	DoD Claimant Program Code must be in the FPDS-NG DoD Claimant Program Code Look-up Table. The table is based on the following source: http://web1.whs.osd.mil/peidhome/guide/mn02/mn02.htm DoD Claimant Program Code must = A1A, A1B, A1C, A20, A30, A4A, A4B, A50, A60, A70, A8A, A8B, A8C, A90, B10, B20, B30, B90, C20, C9A, C9B, C9C, C9D, C9E or S10.
	3	Contracting Agency Code	If Contracting Agency Code ="96CE", U.S. Army Corps of Engineers, then DoD Claimant Program Code cannot = B20.
	4	Davis-Bacon Act	If Davis-Bacon Act = Yes, then DoD Claimant Program Code must = C20.

8M   Sea Transportation

	1	Format	Sea Transportation must = Yes, No, Unknown, or blank.
	2	Contracting Agency Code, Award Type, Referenced PIID, IDV Type, Competitive Procedures, Reason Not Competed	If Contracting Agency Code does not indicate DoD or (Award Type = DO and Referenced PIID points to an IDV for which IDV Type = FSS) or (Competitive Procedures = Simplified Acquisition Procedures – Competitive or Reason Not Competed = Simplified Acquisition Procedures – Non-Competitive), then Sea Transportation must be blank, else Sea Transportation must not be blank.

9L   Principle Place of Performance

	1	Contingency, Humanitarian, or Peacekeeping Operation	If Contingency, Humanitarian, or Peacekeeping Operation = not blank then Principle Place of Performance must not be US.

9N   Country of Origin

	1	Format	If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA), then Country of Origin must be blank.

	2	Referenced PIID, Contracting Agency Code	If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA), then Country of Origin must be blank.

9S   Place of Manufacture

	1	Contracting Agency Code, Referenced PIID	If (Referenced PIID is blank and Contracting Agency Code indicates NASA) or Referenced PIID points to an IDV for which Contracting Agency Code indicates NASA, then Place of Manufacture must be blank.
	2	Contracting Agency Code, Referenced PIID, IDV Type	If (Referenced PIID is blank and Contracting Agency Code indicates non-DoD agency) or (Referenced PIID points to an IDV for which Contracting Agency Code indicates a non-DoD agency and IDV Type is not FSS), then Place of Manufacture must be blank.

10B   Competitive Procedures

	1	Reason Not Awarded to Small Disadvantaged Business (SDB)	If Reason Not Awarded to Small Disadvantaged Business (SDB) = SDB Solicited and Offer Was Not Low, then Competitive Procedures must have a value.
	2	Reason Not Awarded to Small Business (SB)	If Reason Not Awarded to Small Business (SB) = SB Solicited and Offer Was Not Low, then Competitive Procedures must have a value.
	3	Contracting Agency Code	If Contracting Agency Code does not indicate DoD, then Competitive Procedures must not be SBIR.
	4	Award Type, Referenced PIID, IDV Type	If Award Type = DO and Referenced PIID Points to an IDV for which IDV Type = FSS, then Competitive Procedures must not be SBIR.
	5	Origin of Contract, Business Types	If Origin of Contract = DoD and Business Types = Large Business, Sheltered Workshop (JWOD Provider), Hospital, Foreign Supplier, Historically Black College or University, Minority Institution, Educational Institution, or Nonprofit Organization or (Country of Incorporation (from CCR) indicates US and Principle Place of Performance does not indicate US), then Competitive Procedures must not be SBIR.)

6   Business Types   If Competitive Procedures = SBIR Program Phase I
                             Action or SBIR Program Phase II Action, then
                             Business Types must be Small Disadvantaged Business,
                             8(a) Participant, Small Business, Minority Owned
                             Business, Woman-Owned Business, Labor Surplus Area
                             Firm, Veteran Owned Business, Emerging Small
                             Business, Service-Related Disabled Veteran Owned, or
                             HUBZone Firm.)

10C   Reason Not Competed
   1   Contract   If Contract Full/Partially Funded by Foreign
        Full/Partially   Government or International Organization = No
        Funded by Foreign   and Reason Not Competed = International
        Government or   Agreement, then flag action for verification.
        International   (WHS/DIOR internal use - refer to ODDP/CPA).
        Organization
   2   Test on Value   If Reason Not Competed = Public Interest, then
                             flag action for verification. (WHS/DIOR internal
                             use - refer to ODDP/CPA).

10D   Number of Offers Received
   1   Award Type,   If Award Type = DO and Referenced PIID points to an
        Referenced PIID,   IDV for which Multiple or Single Award IDC = Multiple-
        Multiple or Single   Award and Competitive Procedures is not blank, then
        Award IDC,   Number of Offers Received must be less than or equal to
        Competitive   30.
        Procedures

10H   Commercial Item Acquisition Procedures
   1   Contracting   If Contracting Agency Code indicates a DoD Agency and
        Agency Code,   not (Award Type = DO and Referenced PIID points to an
        Award Type,   IDV for which IDV Type = FSS), then must not be blank.
        Referenced PIID,   **NOTE: This conflicts with Use Case.**
        IDV Type