

Name:

Address:

Email:

INSTRUCTIONS: Thank you for your interest in applying for the Operations Research Analyst, GS-1515-11/12/13/14/15 position with the Office of the Director, Cost Assessment and Program Evaluation. We will evaluate your resume and your responses to this Occupational Questionnaire to determine if you are among the best qualified for this position.

Your responses are subject to verification. Please review your responses for accuracy before you submit this questionnaire. You must select a response for every question including each grade level.

1. BASIC REQUIREMENT: In addition to meeting the basic education requirements, applicants must have one year of specialized experience in the next lower grade listed below. Select one response that best describes how you meet the basic education requirements for the position. NOTE: this position has a positive educational requirement and transcripts MUST be provided with your application.

A. I have a degree in Operations Research.

B. I have a degree which included 24 semester hours in a combination of operations research, mathematics, probability, statistics, mathematical logic, science, or subject-matter courses requiring substantial competence in college-level mathematics or statistics. At least 3 of the 24 semester hours must have been in calculus.

C. My education is not reflected in the above statements.

2. VETERAN'S PREFERENCE: Do you claim Veterans' Preference?

A. No, I do not claim Veterans' Preference

B. 0-point Sole Survivorship Preference (SSP)

C. 5-point preference based on active duty in the U.S. Armed Forces (TP)

D. 10-point preference for non-compensable disability or Purple Heart (XP)

E. 10-point preference based on a compensable service connected disability of at least 10% but less than 30% (CP)

F. 10 point preference based on widow/widower or parent of a deceased veteran, or spouse or parent of a disabled veteran (XP)

G. 10-point preference based on a compensable service connected disability of 30% or more (CPS)

3. Minimum Qualifications GS-11: Select the one statement that best describes the experience you possess that demonstrates your ability to perform the work of an Operations Research Analyst at the GS-11 grade or equivalent pay band in the Federal service or equivalent experience in the military, public or private sector.

A. I have one year of specialized experience at the same or similar work equivalent to at least the next lower grade level GS-09 requiring application of the knowledge, skills, and abilities of the position being filled. Candidates for this position must clearly demonstrate in their resume that they possess specialized experience in:

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independently performing recurring assignments of limited difficulty and complexity in support of projects assigned to higher graded analysts; conducting operations research assignments for a portion of a project or study consisting of a series of interrelated task or problems.

B. I possess a Master's or equivalent graduate degree.

C. I do not possess the required education and/or experience to qualify for this position.

4. Minimum Qualifications GS-12: Select the one statement that best describes the experience you possess that demonstrates your ability to perform the work of an Operations Research Analyst at the GS-11 grade or equivalent pay band in the Federal service or equivalent experience in the military, public or private sector.

A. I have one year of specialized experience at the same or similar work equivalent to at least the next lower grade level GS-11 requiring application of the knowledge, skills, and abilities of the position being filled. Candidates for this position must clearly demonstrate in their resume that they possess specialized experience in: applying a range of analytical, mathematical, and/or statistical theories, principles, and practices to plan, coordinate, and execute segments of complex studies.

B. I possess a Ph.D. or equivalent doctoral degree.

C. I do not possess the required education and/or experience to qualify for this position.

5. Minimum Qualifications GS-13: Select the one statement that best describes the experience you possess that demonstrates your ability to perform the work of an Operations Research Analyst at the GS-13 grade or equivalent pay band in the Federal service or equivalent experience in the military, public or private sector.

A. I have one year of specialized experience at the same or similar work equivalent to at least the next lower grade level GS-12 requiring application of the knowledge, skills, and abilities of the position being filled. Candidates for this position must clearly demonstrate in their resume that they possess specialized experience in: applying qualitative, analytical, and evaluative methods and techniques; conducting analysis of business operations, activities and capabilities to identify relevant variables; providing advice on data collections analysis; conducting basic mathematical analysis of program information; assisting in the collection; developing and implementing cost and operational analyses.

B. My experience is not reflected in the above statement.

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6. Minimum Qualifications GS-14: Select the one statement that best describes the experience you possess that demonstrates your ability to perform the work of an Operations Research Analyst at the GS-14 grade or equivalent pay band in the Federal service or equivalent experience in the military, public or private sector.

A. I have one year of specialized experience at the same or similar work equivalent to at least the next lower grade level GS-13 requiring application of the knowledge, skills, and abilities of the position being filled. Candidates for this position must clearly demonstrate in their resume that they possess specialized experience in: conducting analysis of business operations; conducting data analysis, modeling and visualization of performance data information; providing advice on data collections analysis; implementing new and improved techniques for business operations; developing standards to conduct analysis.

B. My experience is not reflected in the above statement

7. Minimum Qualifications GS-15: Select the one statement that best describes the experience you possess that demonstrates your ability to perform the work of an Operations Research Analyst at the GS-15 grade or equivalent pay band in the Federal service or equivalent experience in the military, public or private sector.

A. I have one year of specialized experience at the same or similar work equivalent to at least the next lower grade level GS-14 requiring application of the knowledge, skills, and abilities of the position being filled. Candidates for this position must clearly demonstrate in their resume that they possess specialized experience in: applying scientific and analytical techniques to define, quantify, and evaluate feasibility of assigned projects or programs, proposals, reports, studies or problems; directing statistical and mathematical studies of costs of program operations and systems; assessing costs and effectiveness of organizational programs, systems, and system hardware requirements.

B. My experience is not reflected in the above statement.

INSTRUCTIONS: This position has Conditions of Employment that must be obtained prior to your start date and maintained for the duration of this employment.

8. This position requires you to pass screening for illegal drug use prior to appointment and subsequent periodic drug screening thereafter. Are you willing to meet the drug testing requirements?

Yes

No

9. This position requires you to obtain and maintain a TOP SECRET or TOP SECRET/SCI security clearance. Are you willing to meet the security clearance requirements?

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Yes

No

10. This position requires you to work other than normal hours, which may include evenings, weekends, and/or holidays and/or overtime. Are you willing to work other than normal hours?

Yes

No

11. The duties and responsibilities of this position requires the incumbent to file a Confidential Financial Disclosure Report. Are you willing to meet the Financial Disclosure Report requirement?

Yes

No

12. This position requires travel away from your normal duty station for official business. Are you willing to meet the travel requirement?

Yes

No

INSTRUCTIONS: Select the one statement that most accurately describes your training and experience carrying out each task using the scale provided.

13. Designs verification and validation methods to ensure confidence in system performance evaluation.

- A. I have not had education, training, or experience in performing this task.
- B. I have had education or training in how to perform this task, but have not yet performed it on the job.
- C. I have performed this task on the job. My work on this task was monitored closely by a supervisor or senior employee to ensure compliance with proper procedures.
- D. I have performed this task as a regular part of a job. I have performed it independently and normally without review by a supervisor or senior employee.
- E. I am considered an expert in performing this task. I have supervised performance of this task or am normally the person who is consulted by other employees to assist or train them in doing this task because of my expertise.

14. Develops and refine test and evaluation program plan (e.g., data collection, data analysis) to ensure an adequate evaluation of the military system performance.

- A. I have not had education, training, or experience in performing this task.
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- D. I have performed this task as a regular part of a job. I have performed it independently and normally without review by a supervisor or senior employee.
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15. Identifies and operationalizes relevant variables to ensure an adequate system performance evaluation in operationally relevant scenarios.

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16. Collaborates with related stakeholders to address challenges required to adequately evaluate performance of the assigned military systems.

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17. Decomposes the problem into essential elements (e.g., mission scenarios) to evaluate the performance of the system in operationally relevant scenarios.

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18. Develops study measures and metrics (e.g., performance, effectiveness, efficiency) to adequately evaluate the performance of the assigned military system with confidence.

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19. Builds a concise report for the customer (e.g., congressional committee) using verified data and analysis to meet regulatory requirements.

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20. Presents clear assessments (taking into account the customer's context and pre-dispositions) during reviews with customers and key stakeholders to meet regulatory requirements.

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21. Serves as a representative of the office to convey technical information and office guidelines related to the organization's mission.

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22. Conducts data analytics using large data sets.

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23. Develops methods to account for missing, uncertain, and conflicting data.

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24. Develops test and evaluation methods for data analysis to adequately evaluate the military system performance.

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25. Ensures data are correct and current to adequately evaluate the military system performance with confidence.

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26. Manipulates and transforms data into appropriate representation (e.g., time v. frequency, discrete v. continuous).

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27. Documents justifications of recommendations to meet regulatory requirements.

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28. Identifies courses of actions for decision-makers to enable timely resolution of complex issues.

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29. Interprets the results of operations research techniques to provide sound courses of action.

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30. Integrity Certification:

Your ratings in this questionnaire are subject to evaluation and verification based on the documents you submitted. Please take this opportunity to review your responses to ensure their accuracy. By agreeing to the statement below, you are confirming that you:

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- 1) Understand this warning;**
- 2) Have reviewed your responses to this questionnaire for accuracy; and**
- 3) Have verified that your responses accurately describe your current level of experience and capability as reflected in your resume. Do you certify the accuracy of your responses?**

Yes, I verify that all of my responses to this questionnaire are true and accurate. I accept that if my supporting documentation and/or later steps in the selection process do not support one or more of my responses to the questionnaire that my rating will be lowered and/or I may be removed from further consideration.

No, I do not accept this agreement and/or I no longer wish to be considered for this position.

Sign below when you are ready to submit. This will lock all form fields

Email completed questionnaire with your application package to:
osd.pentagon.cape.mbx.esd-support@mail.mil