

TOR for THEMATIC EXPERT- DATA SCIENTIST -MIS

1. SCOPE OF WORK

The Thematic Expert Data Scientist - MIS to support following activities:

- I. Development of a set of Key Performance Indicators for each stakeholder level in RSETI implementation against which current performance can be measured & analysed
- II. Identification of data to be captured, Sourcing of data, how frequently it will be gathered, how often will it be reported, how often the data will be reviewed
- III. Design of dashboard and exception reporting mechanism that will measure current performance against the targets for the agreed KPIs
- IV. Design a small pilot (in a state or few RSETIs) to test the relevance and feasibility of the KPIs in working towards the goal of quality skilling.
- V. Explore potential of advanced analytics, early warning systems, predictive modelling, machine learning in M&E of RSETI.
- VI. Liaison, Requirement Preparation with internal and external IT teams for development of M&E related IT interventions
- VII. Analyse existing datasets of the government such as SECC 2011, Census, NSSO and provide strategic support to Ministry in designing RSETI policy.
- VIII. Prepare strategies, partnerships and conduct research with focus on quality, policy and evaluation of RSETIs
- IX. Any other task assigned by the Joint Secretary, Skills Division, Ministry of Rural Development/Director General, National Academy of RUDSETI in relation to this assignment.

2. MINIMUM ELIGIBILITY CRITERIA

- I. Bachelor's degree in Computer Science/B Tech/MCA or related degree from a well-known institute.
- II. At least 6 years of experience in any of the following fields: Data analysis, M&E, predictive modelling/machine learning, business or strategy consulting, rural development, impact and social investing or related fields.

3. DESIRABLE QUALIFICATIONS AND EXPERIENCE

- I. Experience in managing or development of IT Projects from requirement phase to delivery
- II. Experience in using statistical analysis packages in R, Python, Strata, etc and programming preferred.
- III. Experience working with government datasets such as Census, SECC, BPL, NSS etc
- IV. Strong written and oral communication skills.
- V. Self-driven with high capacity for autonomous work with the ability to be a team player.
- VI. Ability to work under pressure and tight deadline.

VII. The candidate shall have integrity, strong work ethic and high sense of personal commitment.

4. MAXIMUM AGE LIMIT: Age of candidate should not be more than 45 years as on Last day of application.

5. REMUNERATION:

Consolidated remuneration for this position will be Rs 1,00,000/- (Rupees One lakh only) per month.

6. TERM & LOCATION:

The term of contract shall be valid for one year. The expert shall be based at PMA office of NAR in New Delhi and may involve travel to all over the country based on need.

7. REPORTING

The Expert shall report directly to DG, NAR or to any other person assigned by JS (Skills).

8. GENERAL CONDITIONS:

- The offered assignment is purely temporary and does not envisage any kind of regular appointment in NAR in future.
- In case of large number of applications, the Academy may shortlist the candidates as may be necessary.
- Canvassing in any form will be treated as disqualification.
- No correspondence will be entertained as regards short-listing, calling for interview, selection or engagement.
- The Academy reserves the right to relax any of the requirements i.e., age, Educational qualification, experience etc., in exceptional cases.

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