ODISHA FORESTRY SECTOR DEVELOPMENT SOCIETY
SFTRI Campus, At/Po-Ghatikia, Bhubaneswar-751 029
Ph: 0674-2386016, mail:webmail@ofsdp.org

CONTRACTUAL ENGAGEMENT FOR THE POSTS IN
ODISHA FORESTRY SECTOR DEVELOPMENT PROJECT

OFSDS requires the services of the following personnel for working in the Odisha Forestry Sector Development Project Phase II

1. Application Developer (Two numbers)
2. Program Developer (Two numbers)
3. Data Analysists (Two numbers)
4. System Manger/ Administrator (One number)

Interested candidates may obtain Terms of Reference and the Application Form from OFSDP, SFTRI Campus, At/Po: Ghatikia, Bhubaneswar-751029 during office hours or may download from OFSDP website: http://www.ofsds.in/careers.php and apply online on or before 20.05.2017 by 4.00 PM.

Deputy Project Director (Admin)

TERMS OF REFERENCE

Application for Contractual Appointment to the post of

01. Application Developer (Two numbers)
02. Program Developer (Two number)
03. Data Analysists (Two number)
04. System Manger/ Administrator (One number)

Note: (*apply online separately for each post*)

[Last Date for Submission of Application complete; 20.05.2017 up to 4.00 PM]

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Project brief and vacancy:

ODISHA FORESTRY SECTOR DEVELOPMENT PROJECT - PHASE-II is being implemented with the loan assistance from Japan International Cooperation Agency (JICA) in 10 districts of Odisha. This project is for a period of 10 years from 2017-18 to 2026-27. The project has twin objectives of restoration of degraded forests and livelihood improvement of forest dependent community. This is implemented in Joint Forest Management mode with involving 1200 Vana Samrakshana Samithees for project interventions. The project is expected to achieve progress in Sustainable Forest Management through strengthening of community based institutions for Joint Forest Management.

The main objectives of the project are to:

- Restore degraded forest and augment forest resources
- Secure sustainable forest management by improving forest administration, community organizations and capacity development of other stakeholders
- Conservation and Ecosystem based management of the biodiversity
- Promote inter-sectoral convergence
- Improve income of targeted livelihood improvement of the forest dependent families through IGA activities.
- Technology based monitoring of the project interventions.

  In order to ensure monitoring of the project outcome during the implementation and to inculcate technology into the process, following technical personnel are required from the beginning of the project implementation. Hence the project implementing agency, ODISHA FORESTRY SECTOR DEVELOPMENT SOCIETY (OFSDS) invites application from suitable candidates for contractual engagement to the following positions:

Sl. No.	Name of the Post	Vacancy
1	Application Developer	2
2	Program Developer	2
3	Data Analysists	2
4	System Manger/ Administrator	1

Applications complete in all respect should submitted online in http://www.ofsds.in/careers.php on or before 4.00 pm of 20.05. The applications received after last date will not be considered. The Project will not be responsible for the delay due to internet failures at the candidates end. The Project authorities reserve the right to reject any application without assigning any reason thereto. Candidates in employment must enclose NOC from the present employer along with the application.

INSTRUCTIONS

A. **Uploading :**

- Before starting his/ her registration of application on-line, the applicant should be ready with the soft copies of passport size photo (not more than 20 KB) in .JPG/JPEG format which is required to be uploaded after filling up of the inputs and before submitting the application on-line.
- Qualifications and Experience certificates can have multiple files uploaded together.

B. **Updating :**

- Any update on files for Qualification certificates and Experience certificates will remove previously uploaded files.

C. After checking all the provided data "**Submit**" the form. Data once submitted is no more editable.

D. Carry the printed form of system generated "**Application Form**" at the time of interview, if you are given a call letter.

E. SELECTION

The applications will be scrutinized and shortlisted based on details submitted by the applicants. The shortlisted candidates will be called for a written test followed by an interview based on which a merit would be prepared. Candidates twice the number of available positions will be shortlisted from the top of the merit for a practical project based examination. Final selection will be made based on scores of the merit list and the practical exam. OFSDS reserves the right to reject / accept any / all applications without assigning any reason thereof.

Job description and eligibility criteria are as follows:

Name of the Post	Job Description	Qualification & Experience (Essential)
Application Developer.	The Application Developer will contribute in coding/development of Mobile applications/modules for the Geomatics Centre primarily focusing on GIS. Specifically, the Application Developer is expected to perform the following: • Design and develop mobile applications based on Android OS, Windows Mobile OS and IOS. • Design and develop easy to use intuitive user interfaces for mobile applications including GIS, MIS, and Multimedia etc. • Design and develop backend database connectivity, data conversion and presentation algorithms for the mobile applications. • Integrate spatial and non-spatial data from databases, files and external data sources with the mobile applications. • Any other relevant work assigned by the Project Director / reporting authority as and when required.	**Essential Qualification** B.E/B.Tech (Computer Science/ IT) or any Bachelor's degree in Engineering/ Science with MCA. **Essential Experience** • At least 2 years' experience in Mobile application development, preferably with 2 years on Android OS and on Mobile GIS • Expertise in at least two of the following domains: GIS Application Design, Mobile GIS Development, Android Application Development, Android UI Development, Mobile Database Design, Client Server Programming, HTML with CSS, SQL, RDBMS Administration **Preferable** • Applicants must have working knowledge of office productivity applications like word, excel etc. • Applicants must have good experience of finding solutions to issues from Internet and web applications independently • Thorough understanding of GIS & geography concepts like GIS data types, coordinate systems etc. is a must • Good written, oral and graphic communication skills are desirable
Monthly remuneration	Consolidated monthly remuneration of Rs.25, 000/- to Rs. 60,000/- based on competencies of the applicant. Salary will not be a constraint for the deserving candidate	

Name of the Post	Job Description	Qualification & Experience (Essential)
Program Developer.	Program Developer will contribute in coding/development of web based GIS applications/modules for the Geomatics Centre primarily focusing on GIS. Specifically, the Program Developer is expected to perform the following: • Design and develop web based user interfaces in HTML and JavaScript with PHP as the scripting language. • Design and develop backend data processing algorithms with PHP as the scripting language and SQL as the database query language. • Design and develop backend database connectivity, data conversion and presentation algorithms in PHP. • Integrate spatial & non-spatial data from databases, files and external data sources with the web based infrastructure. • Any other relevant work assigned by the Project Director / reporting authority as and when required.	**Essential Qualification** B.E/B.Tech (Computer Science/ IT) or any Bachelor's degree in Engineering/ Science with MCA. **Essential Experience** • At least 2 years' experience in in web development using PHP • Expertise in at least two of the following domains: PHP, JavaScript with Ajax, HTML with CSS, SQL, MySQL/PostgreSQL administration, Linux Server Administration, C++, Android Applications development, Java, Web GIS APIs(Google Maps/Openlayers), Jquery/Bootstrap etc. **Preferable** • Applicants must have working knowledge of office productivity applications like word, excel etc. • Applicants must have good experience of finding solutions to issues from Internet and web applications independently • Understanding of GIS & geography concepts like GIS data types, coordinate systems etc. will be an added advantage • Good written, oral and graphic communication skills are desirable
Monthly remuneration	Consolidated monthly remuneration of Rs.25,000/- to Rs. 60,000/- based on competencies of the applicant. Salary will not be a constraint for the deserving candidate	

Name of the Post	Job Description	Qualification & Experience (Essential)
Data Analysist.	The Data Analysist will collect, process, standardize and upload spatial and non-spatial data in to Spatial enabled RDBMS Systems as per the project requirements Specifically, the Data Analysist is expected to perform the following: • Preparation of GIS data and products including conversion, translation and incorporation of various formats of both spatial and tabular data into standardized GIS feature data sets. • Development of professional cartographic products using the current GIS Tools, applying complex Geospatial and network analysis methods, and using and developing the RDBMS geo databases. • Would be required to quality check the data delivered by external agencies • Field validation, preparing physical and financial progress report. • Designing, reviewing and revising a list of project performance indicators by incorporating gender perspectives and developing methodologies for verification to each indicator • work in collaboration with GIS/ Remote sensing Specialist for maintaining data consistency and integrity • Accomplish the tasks related to the Project as directed by the Team Leader • Setting up data QC/QA processes Data/ map quality checking	**Essential Qualification** B.E/B.Tech or any Bachelor's degree with PGDCA/ MCA **Essential Experience** • At least 5 years of experience in designing managing and maintaining very large data sets • Expertise in at least four of the following domains: SQL, Python, GIS Applications, Remote Sensing data, Big Data Analytics, satellite imagery storage and management, Data warehousing, Automated back-up management, MIS Systems, MS Excel (Advanced Formula / macro programing) **Preferable** • Applicants must have good experience of finding solutions to issues from Internet and web applications independently • Understanding of GIS & geography concepts like GIS data types, coordinate systems etc. will be an added advantage • Good written, oral and graphic communication skills are desirable
Monthly remuneration	Consolidated monthly remuneration of Rs.25,000/- to Rs. 50,000/- based on competencies of the applicant. Salary will not be a constraint for the deserving candidate	

Name of the Post	Job Description	Qualification & Experience
System Manager/ Administrator at the PMU for OFSDP Phase-II.	He/She will • Assist SPM (GIS/ MIS) to maintain systems, equipment and networks system administrator. • Ensure MIS operations at all levels- PMU, DMU and FMU and the computer generated analytical MIS reports. • Maintain website and digital repository and software inventory. • OS management, upgrada-tion, security management etc. for servers and workstations running both windows and Linux OS. • Maintain and upgrade backend data security measures like data backup, intrusion detection, access control etc. • Manage and upgrade the networking and hardware components as and when required. • Management of virtualisation platforms and virtual systems • Continuous monitoring and preventive maintenance of the infrastructure. • Assist the users and development team in environment setup, auotmation, scripting of backend tasks etc.	**Essential Qualification** B.E/ B.Tech in computer science/ IT or B.E/ B.Tech/ Bachelor's degree in science with MCA **Essential Experience** • At least 4 years work experience with at least 2 years in DB administration roles and 2 years in system administration roles • Mandatory expertise in Linux System administration and RDBMS administration (Preferably PostgreSQL) • Expertise in at least four of the following domains: Shell scripting, SQL, Windows administration, Networking, GIS Applications, Remote Sensing data, Big Data Analytics, Software testing, Cyber Security, IPV6, Virtualisation, IT hardware management, satellite ima-gery storage and managem-ent, Server management, data warehousing, automated back-up management. **Preferable** Understanding of GIS & geography concepts like GIS data types, coordinate systems etc. will be an added advantage.
Monthly remuneration	Rs.50,000/- p.m. (Consolidated)	