



Government of Sindh
Sindh Peoples Housing for Flood Affectees
(SPHF)



PROCUREMENT OF NON-CONSULTING SERVICES

REQUEST FOR QUOTATION

REVIEW AND REDEVELOPMENT OF THE SPHF BENEFICIARY PORTAL

Project: Sindh Flood Emergency Housing Reconstruction Project (SFEHRP)
Credit No.: IDA-72530
Our Reference: PK-SPHFC-458404-NC-RFQ
Dated: 28th October 2024

1. The Government of Sindh has received credit through EAD, Govt. of Pakistan from the International Development Association towards the cost of Sindh Flood Emergency Housing Reconstruction Project (the Project). Sindh Peoples Housing for Flood Affectees (the Company) is implementing agency of the project. The Company intends to apply a portion of the proceeds of this credit to eligible payments under the Contract for which this RFQ is issued.
2. The Company now invites quotations for the Procurement of the Services for **Review and Redevelopment of the SPHF Beneficiary Portal** from reputed firms having previous experience to provide these types of non-consulting services.

Detailed Description of Services is available on Company's website www.sphf.gos.pk

3. The objective is to conduct a comprehensive review and redevelopment of the beneficiary portal to ensure its optimal performance and reliability. This will involve enhancing the portal's design and technical infrastructure to create a streamlined database that allows for easy and timely updates to the status of cases. The enhancements will ensure uninterrupted access for beneficiaries and flood affectees seeking to check their case status, effectively accommodate high user traffic and present an attractive design outlook.
4. The received quotations will be evaluated as per 'RFQ' method of procurement in accordance the World Bank Procurement Regulations for IPF Borrowers dated July 2016 as revised through Fourth Edition, November 2020 available on www.worldbank.org. The acceptable terms and conditions of the lowest, responsive and technically compliant quotation shall be incorporated in the Contract.
5. The design, development and commissioning of the required services are to be commenced immediately after signing of the Contract. The quotations containing the technical and financial details with complete profile of the service providers/ firms also indicating the relevant experience may be addressed and submitted to the Chief Executive Officer SPHF on the address below on or before **18 November 2024** during the business hours.



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Sindh Peoples Housing for Flood Affectees
(SPHF)



6. The quotation must be valid for atleast 45 days from the submission date and the quoted price should include all the applicable local taxes/duties and transportation charges etc.

--Signed--

Khalid Mehmood Shaikh
Chief Executive Officer – SPHF

Bungalow # 20 Block 7/8, Modern
Cooperative Housing Society, Tipu
Sultan Road, Karachi.



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Review and Redevelopment of the SPHF Beneficiary Portal

(Activity Ref # PK-SPHFC-458404-NC-RFQ)

Description of Services

1. Project Overview:

The Beneficiary Platform is a web-based application designed to enable beneficiaries to check their status by entering their CNIC (Computerized National Identity Card) number. The platform will utilize data provided by Sindh Peoples Housing for Flood Affectees (SPHF) in CSV format, ensuring that only relevant information is displayed. The application will restrict access to prevent misuse, limit the number of queries from a single IP address, and maintain data security and integrity through database indexing and validation mechanisms.

2. Objectives:

- Develop a secure and user-friendly platform for beneficiaries to check their status.
- Ensure the platform is capable of reading and updating data using CSV files provided by SPHF.
- Implement IP address-based access restrictions to limit queries.
- Optimize data retrieval speed through database indexing.
- Provide an interface for data upload to insert or update records as needed.

Scope of Work:

3. Functional Requirements:

3.1 Beneficiary Status Check:

- Beneficiaries will be able to enter their CNIC number to check their status.
- The system will validate the CNIC format before querying the database.
- If a match is found, the system will display the relevant details, such as:
 - Beneficiary Name
 - Status
 - Any other details as specified in the CSV file.

3.2 CSV Data Management:

- The platform will support CSV file uploads for inserting new records or updating existing records.
- A preliminary CSV file provided by SPHF will define the structure and columns of the database.
- CSV data will be validated before insertion to ensure data integrity.



Government of Sindh
Sindh Peoples Housing for Flood Affectees
(SPHF)



3.3 Access Restrictions:

- Each IP address will be allowed a maximum of 3 queries within a 24-hour period to prevent abuse.
- If the limit is reached, the system will display a message indicating the restriction and prevent further queries from that IP address.

3.4 Database Optimization:

- Database indexing will be implemented to optimize data retrieval speed and enhance user experience.
- The CNIC field will be used as the primary key for indexing, ensuring fast search operations.

4. Technical Requirements:

- **Technology Stack:** The application will be built using the following technologies:

- **Frontend:** HTML, CSS, JavaScript (for form validation and UI elements).
- **Backend:** PHP (to handle logic and data processing).
- **Database:** MySQL (for data storage and indexing).
- **Hosting:** The application will be hosted on a secure web server, such as Apache or Nginx.

- **Database Structure:**

The database will have the following columns as defined by the initial CSV file from SPHF:

- CNIC
- Beneficiary Name
- Status
- Additional Fields (as defined in the CSV).

5. Data Handling and Privacy:

- The system will adhere to data privacy policies, ensuring that no sensitive information is displayed or shared.
- Data access will be restricted to authenticated users or administrators only.

6. Development Phases:

1. Phase 1 - Planning and Design:

- Finalize requirements based on SPHF's initial CSV file.
- Create database schema and application structure.

2. Phase 2 - Development:

- Develop the frontend and backend components.
- Implement CSV upload functionality.
- Create IP-based query restriction mechanism.



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(SPHF)



3. Phase 3 - Testing and Optimization:

- Conduct functionality and performance testing.
- Optimize database indexing and query handling.

4. Phase 4 - Deployment and Training:

- Deploy the application on the server.
- Provide training for SPHF staff on CSV uploads and data management.

7. Support and Maintenance:

- Provide ongoing support for bug fixes and enhancements.
- Update the application as required based on new CSV structures or requirements from SPHF.

8. Duration:

- The services are required for a period of 12 months which include the development and maintenance.