

TORs for hiring of firm for conducting Third Party Evaluation of Process
Orchestration Programming for intra-operability of CGA system
with other systems

Background

Punjab Resource Improvement and Digital Effectiveness Program aims at improving the systems through following interventions.

(a) Strengthened Budget Formulation and Fiscal Risk Management

Activities include the support for: (i) organizational reforms in FD and P&DB; (ii) development of a medium-term fiscal framework incorporating fiscal impact of climate change; (iii) development of a regulatory framework to facilitate integration of recurrent and development budgets; (iv) improvements in public investment management; (v) management of fiscal risks, in addition to a framework of minimum standards that reflect the concerns of women, girls and vulnerable groups in disaster preparedness and response; (vi) development of a legal framework for disaster risk financing; (vii) strengthening capacity of LGs for disaster response; and (viii) establishment of the Disaster Risk Fund.

(b) Increased Use of Digital Technology for Delivery of Selected Public Services

Activities include the support for (i) review of existing business processes to identify redundant procedures; (ii) simplifying business processes to remove redundancies; (iii) digitization of public services for citizens and firms; (iv) improving women's utilization of newly digitized services; (v) development of a legal framework for electronic payments, mobile money, digital identification, geospatial systems and cloud-based computing; and (vi) revision of PFC award to introduce a need-based formula for transfers from the Provincial Government to LGs and a performance grants scheme for targeted support to LGs for the vulnerable population of Punjab.

(c) Improved Collection of OSR

Activities include the support for: (i) coordination of revenue policy and implementation measures; (ii) impact assessment of COVID-19 and climate events of recent past (recurrent) on revenue, to inform the design of related revenue policies and the revenue mobilization strategy and plan of the Provincial Government; (iii) expansion of the service sales tax base and increased taxpayer compliance; (iv) integration of taxpayers' data across three (3) tax authorities (selected taxes) and linkage with third party data; (v) simplification of tax administration processes and adoption of performance framework; (vi) development of online and mobile functionalities for tax payment; and (vii) building the capacity of ETNCD to modernize property valuation system to enhance revenue potential from public and private real estate.

In Punjab, technology platforms for service delivery are still not integrated and not

interoperable, despite some progress in simplifying government procedures and use of technology. the GoPb will plans to expand its existing citizen feedback model, accelerate the use of technology in procurement and digitize key services both for citizens and for routine administrative operations of government business. In addition to significant efficiency gains, a combination of services digitization and accompanying measures to encourage services uptake and utilization by women could help mitigate the gendered impacts of natural disasters and public health emergencies. Such impacts include increased exposure to sexual and gender-based violence (SGBV), livelihoods losses in the informal sector, and greater constraints on women's mobility. Digitizing can also facilitate business continuity during future emergencies.

Directorate General (MIS) of the office of Controller General of Accounts (CGA) is responsible for running the Government Financial Management Information System (GFMIS) which uses SAP software and forms the backbone for budgeting, payments, and accounts across national and sub-national governments. In a recent initiative the DG(MIS) has started integrating the GFMIS with other systems to enhance automation processes in the government. The system has been integrated with NADRA to allow biometric verification of pensioners as proof of life. Integration with Central Directorate of National Savings is in an advanced stage, and discussion have also been held with Federal PPRA for integration with e-procurement system soon.

DG(MIS) is also in advanced stage of integrating with the State Bank of Pakistan (SBP) to enable Electronic Funds Transfer (EFT) through the latter's micro payment gateway. In this connection, DG(MIS) has partnered with M/s Siemens to configure program in Process Orchestration (PO) software of SAP. The integration process has followed a 38 step Standard Integration Test (SIT) plan of the SBP. Upon completion of the process, payments by cheque will be gradually phased out. Once successful, Government of Punjab shall integrate its systems with Directorate General (MIS) of the office of Controller General of Accounts (CGA) to avail the Electronic Fund Transfer facility for government payments.

Scope of work

To ascertain the robustness of the PO system for intra-operability with other systems, there is a need to conduct a Third-Party Evaluation (TPE) of the development/configuration through a firm. The firm is expected to:

- i. Evaluate existing system /programming done in PO and provide a complete report, including any areas of concern or improvement.
- ii. Document the programming completed by M/s Siemens.
- iii. Train the personnel of DG(MIS) in PO programming and supervise them to enable roll-out of the system to Government of the Punjab.at least one province (as mutually determined).

Duration of work

The duration of the consultancy is three months.

Key Staff Positions

Qualification & Experience:

1. Team Lead

Master's Degree in Computer Science, Engineering or a related discipline with 15+ years of application integration technologies like process orchestration, workflow, API gateways, service bus, data platforms and building, launching and operating cloud native services for data platform, use of technologies to deploy and operate highly available, high-performance distributed systems, managing multiple competing priorities simultaneously, Strong project management skills and track record of on time delivery. Ability to think both strategically and tactically in a multi stakeholders' environment with strong communication and coordination skills.

2. Public Financial Expert

Master's Degree in Finance/ Public Finance / CA/ACCA/CFA/ICAEW with 10 years' experience of related work including hands on experience in Public Financial Management.

3. Banking and Investment Specialist

Master's Degree CFA/CA/MBA(Finance)/MSc or MA(Economics) with 10 years' experience in the relevant field

4. SAP Specialist /PFM computerization Specialist

Master's Degree in Finance, Accounting, Auditing, Computer Science, Information Technology, Software Engineering and Computer Engineering with 10 years' experience in Public Sector Accounting, Financial Policies and Procedures including planning, design development, implementation, maintenance and support of ERP(Enterprise Resource Planning) systems.