

# **Application Document**

**for**

**Prequalification of Consultant for**

**I) Preparation of Detailed Project Report  
(DPR)**

**and**

**II) Project Management Consultant (PMC) for  
construction of water supply schemes in 25  
towns of Tanzania and water supply project  
in Zanzibar Urban**

**Export-Import Bank of India**

**Date: August 17, 2018**

## INVITATION FOR EXPRESSION OF INTEREST FOR GOVERNMENT OF INDIA LINES OF CREDIT (LOC) PROJECTS

The Export-Import Bank of India (hereafter Exim Bank, or the Bank), on behalf of the Government of India (GOI), extends from time to time, concessional credit facilities under the Indian Development and Economic Assistance Scheme (IDEAS) to overseas governments/ their nominated agencies in developing countries for financing projects involving procurement of goods, civil works, consulting and non-consulting services to be contracted to Indian entities.

These Lines of Credit (LOCs) are governed by the Guidelines issued by the GOI from time to time. As per the extant guidelines issued vide letter No. 21/3/2015-IDEAS dated December 07, 2015, the Bank is required to carry out a prequalification exercise and provide a list of prequalified bidders to the Borrower for invitation of bids for specific contract packages under the project(s) financed by the LOCs.

In pursuance of the above, the Bank invites applications from eligible Indian entities for prequalification of Consultant for a) preparation of the Detailed Project Report (DPR) and b) Project Management Consultants (PMC) for construction of water supply schemes in 25 towns of Tanzania and water supply project in Zanzibar Urban, under the Lines of Credit extended to the Government of the United Republic of Tanzania.

An upfront and non-refundable Processing Fee of INR 25,000 plus applicable GST (presently 18%) is payable through NEFT transfer as per details given below:

[i]	Applicant Name	<Applicant Name>
[ii]	Name of Beneficiary	Export-Import Bank of India
[iii]	Beneficiary's Bank Name	AXIS BANK, CUFFE PARADE
[iv]	Account No.	447010200000268
[v]	IFSC Code	UTIB0000447
[vi]	GST Number	27AAACE2769D1ZS

The preparation and submission of Application for prequalification is **required in dual mode (on-line as well as off-line)** in accordance with the provisions of the Application Document. Completed Applications (off-line) in accordance with the provisions of the Application Document along with NEFT acknowledgement receipt should be delivered physically by 15:00 hours, September 17, 2018 at the following address:

Mrs. Amita Dang  
Assistant General Manager  
Export-Import Bank of India  
Ground Floor, Statesman House  
148, Barakhamba Road  
New Delhi 110001  
Phone: 011-23474855; Fax : 022- 22823394  
E-mail: [eximloc@eximbankindia.in](mailto:eximloc@eximbankindia.in)

This Application Document (AD) consists of the following Parts:

**Part I. Scope of Consultant Services**

This Part includes a summary description and other data on this prequalification process and of the prospective contract to be awarded by the Borrower Government/ Procuring Entity subsequent to this prequalification.

**Part II. Instructions to Applicants (ITA)**

This Part provides information to the Applicants in preparing and submitting their Applications for Prequalification (“Applications”) and the procedures for this prequalification process.

**Part III. Data Sheet (DS) to ITA**

This Part includes specific provisions that supplement Part II, Instructions to Applicants.

**Part IV. Prequalification Criteria and Requirements**

This Part specifies the criteria and requirements and the procedure to be used to determine how Applicants shall be prequalified and later to be invited to bid by Borrower Government / Procuring Entity.

**Part V. Forms**

This Part includes the Application Submission Form and other forms required to be submitted with the Application.

**Part VI. Questionnaire for Applicants**

This questionnaire requires the prospective Applicants to furnish certain basic information, and confirm certain facts relating to their firm/ joint venture with respect to past performance and prospective engagement.

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construction of water supply schemes in 25  
towns of Tanzania and water supply project  
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**Invitation for Prequalification**

**No.: GOILOC-266/Tanzania/CS-11**

**Issued on: August 17, 2018**

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## **Part I: Scope of Consultant Services**

The Export-Import Bank of India (Bank), on behalf of the Government of India has approved financing water supply scheme in 25 towns of Tanzania and water supply project in Zanzibar Urban, under the Lines of Credit (LOC) extended to the Government of the United Republic of Tanzania and a part of amount is allocated for preparation of DPR and PMC services, for which the Bank now seeks application for prequalification from eligible Indian entities. Refer Part II ITA 4 for eligibility provisions.

### **A] Description of the Project and Site data**

The Project Goals and Objectives are as follows:

1. The project is aimed at providing services that help in protecting Public health and avoiding environmental pollution aiming at reducing poverty, developing the quality of life and social well-being of the people. The current status of the Water Supply Systems for drinking is inadequate and reflects, partial coverage and low level of maintenance. The implementation of these schemes is of utmost importance for aforesaid urban areas to improve the quality of living standard of population.
2. This project envisages creation of employment and infrastructure development of the project areas.

The major work in the Project is divided into five (5) packages:

1. **Package 1:** Construction of water supply schemes in the towns of Handeni Trunk Main (HTM), Makonde Plateau, Pangani, Muheza, Ifakara And Kilwa Masoko .
2. **Package 2:** Construction of water supply schemes in the towns of Chunya, Njombe, Rujewa, Wanging'ombe, Songea, Makambako and Mafinga .
3. **Package 3:** Construction of water supply schemes in the towns of Mpanda, Sikonge, Urambo Kaliua, Kiomboi, Singida, Manyoni and Chemba.
4. **Package 4:** Construction of water supply schemes in the towns of Kasulu-Kigoma, Kayanga, Geita, Rorya and Mugumu-Mara.
5. **Package 5:** Water supply project in Zanzibar Urban

**Project Design:** The project is composed of the following components and sub-components.

## **PACKAGE-I**

### **(1) HANDENI TRUNK MAIN (HTM)**

#### **A: Project Location**

HTM Water Supply Scheme (HTM) is located in Korogwe and Handeni Districts in Tanga region north-eastern Tanzania, covering an area of 5,000 square km with 316km of trunk mains, 140km branch mains, 6 pumping stations, 52 water reservoirs. Location of the HTMWSA offices lies on latitude 5° 10' South and 38° 33' East. The town is situated on the main railway and road from Dar es Salaam to Moshi some 100 km from Tanga.

The Service Area slopes from West to East from a level of some 755 mamsl in the West at Handeni to 270 mamsl at the Segera Intake. The level at the Mandera Intake is 400 mamsl.

#### **B: Existing Situation**

Water supply in HTM Project service area is managed by a utility namely HTM Water Supply and Sanitation Authority under the directives of a Board of Directors constituted by Seven (11) members representing different stakeholders. The current population in the project service area is estimated to be a total population of 213,754. The main water source for the HTM project area is from two (2) raw water intakes in Pangani river, Mandera intake which is located at Tabora and Segera Intake at Mkumburu in Korogwe District which all together produce an average 5,600m<sup>3</sup>/day against the estimated Water Demand of 2,154m<sup>3</sup>/day. The current total effective water demand is about 7,000m<sup>3</sup>/day. The Authority is at present producing water 70% of the demand out of the total amount of produced water, non-Revenue Water stands at 80%.

The population served is six (6) small towns including Handeni town, Mkata, Komkonga, Kabuku, Michungwani/Segera Kwamkono; 56 registered villages and 3 camps (Chogo Refugee camp, Mgambo National Service camp, and Kwaraguru Sisal camp) making a total population of 213,754.

The Service area can be defined as that triangular area which is bounded by the public roads Korogwe – Sindeni – Msima – Handeni – Magamba – Panga - Mkata – Kabuku – Segera – Korogwe and including Hale and other settlements adjacent to these roads but outside the Korogwe – Handeni – Mkata triangle. The area of the presently defined Service Area according to the Annual Report 2009/2010, is 5000 square kilometres. This area covers the whole of the Handeni District and part of the Korogwe District, large areas of which are not within the Service Area.

The Service Area Water Supply System presently comprises 316 km of trunk mains; 150 km of branch mains; 4 main and 2 subsidiary pumping stations; and 58 water reservoirs. The system is designed to serve 1 small Municipal Centre (Handeni); 5 District Centers (Mkata, Kabuku, Komkonga; Kwamkono and Michungwani/Segera;

59 villages and 3 camps. There are also two intakes on the Pangani River (Mandera and Seger) and one Raw Water Treatment Plant at Tabora. The number of connected customers to the distribution system is 2,280, all are metered. The average billing value per month is TZS 46 - 50 million and collection efficiency is 95%. The average monthly operational cost is TZS 120 million including energy subsidy from MoWI, in real terms the authority spends around TZS 50 million as operational costs.

The utility faces a number of challenges including inadequate water sources, network, storage capacity. Office space, staff and basic working tools are inadequate. The utility does not have sanitation facilities.

## **(2) MAKONDE TOWN:**

### **A: Project Location**

The Makonde Scheme extends across the Newala, Tandahimba and parts of Mtwara Rural Districts in Mtwara Region, covering 5 small towns and 350 registered villages with an estimated total population of about 476,000 people (according to the National Census of 2012). It extends about 180 km from east to west, and about 80 km from south to north. It is a dry area, covered with dense bush and scattered high trees. The service area is located between 10°21'24" (S) and 11°02'10" (S) latitude and 39°01'00" (E) and 39°59'45" (E) longitude; Makondé Plateau, as a result of its geological formation, there are no perennial rivers and the ground water level is found several hundred meters below the surface, because of this feature all the water schemes in the area require high pumping heads, which makes the operation and maintenance of the water supply scheme complicated and expensive to operate.

### **B: Existing Situation**

Makondé Plateau Water Supply Scheme presently serves a population of approximately 334,648 people, the current demand is estimated at 18,386 m<sup>3</sup>/day while only 59% of population are being served. The population is dependent on regular operation of three pumping schemes namely Mkunya, Mahuta, and Mitema (Kitangari).

Presently, water is produced at 3 production points (Mkunya, 3,500 m<sup>3</sup>/d; Mitema, 17,300 m<sup>3</sup>/d; Mahuta, 700 m<sup>3</sup>/d; and Tandahimba, 530 m<sup>3</sup>/d), while treatment plants exist at Mkunya (lime dosage for pH-correction, disinfection by hypochlorite dosage) and Kitangari/Mitema (aeration, lime dosage for pH-correction, disinfection by hypochlorite dosage). Average water production in the financial years 2013/14 and 2014/15 was 1.14 and 1.65 million m<sup>3</sup>/y respectively, which is far below the estimated capacity of 8.21 million m<sup>3</sup>/y.

Water is pumped to different storage tanks scattered over the service area. The big reservoirs are mainly constructed of masonry at the ground level and most of them are still in good condition. The small steel tanks are mostly overhead constructions, where corrosion is often progressed so that they out of use and have to be replaced or rehabilitated. There are total of 175 storage tanks with storage volume of 13,020m<sup>3</sup>. This is approximately 92% of the daily water requirements.



Several pumps at the various stations are out of order so that none of the pump stations is operated at design capacity. Transport of water relies on 93 km of trunk mains and 874 km of distribution pipelines, 386 standpipes, 2,391 private connections (domestic and commercial) and 166 institutional customers (only active connections). Main lines are of PVC, steel, ductile iron, DI and galvanized steel, while the distribution pipelines are of PVC, steel, polyethylene, PTH and GS. Makondé Scheme suffers particularly from the present insufficient and unreliable electric power supply. The well pumps and the pump station of the Kitangari System – the key system of the Makondé Scheme – are supplied during some 8-16 hours per day only.

The raising mains and distribution systems experience leakages, frequent pipe bursts and incrustations leading to reduction in the service level. As the result, some areas suffer from partial /complete lack of water supply. Revenue collection is only carried out on the area along Newala – Tandahimba road with few villages such as Kitangari and Mahuta. The rest of population is rural. An area of about 75 percent of Newala and Tandahimba get free water thus no cost recovery. The network supplies water to 2,777 customers out of which only 2,257 are active. There are 1837 metered customers. The annual report 2014/15 indicated a billing efficiency of 51.72% and NRW as high as 33-57%.

Universal metering system was not fully effected in the past due to lack of funds to purchase meters. This has caused loss of revenue and creates water scarcity. No awareness campaign has been conducted to sensitize customers on their role to pay for water, especially in rural areas where seventy percent (56%) of the consumers/customers are situated. No customers survey has been conducted to establish / ascertain the number and legitimacy of the customers.

### **(3) MUHEJA TOWNSHIP:**

#### **A: Project Location**

Muheza is found at Latitudes: -5,1667 (510'0. 012"S) and Longitudes 38,7833 (3846'59. 880"E), altitude of Muheza: 275 m GMT time in Muheza: +3 hours. Population of Muheza: 17 000 people,

Muheza town is made up of Mbaramo, Tanganyika, Genge, Mpapayu, Masuguru, kwamkabala, Majengo, Kilulu, Tingeni, Ngomeni, Kicheba, Magila, Lusanga and Kingombe wards.

#### **B: Existing Situation**

The exiting water resources in Muheza includes:

Mkulumuzi spring with average yield 1400 m<sup>3</sup>/day and minimum value of 700 m<sup>3</sup>/day during the dry season. The installed capacity is 1920 m<sup>3</sup>/day.

Shallow wells are of depth 4-7 m but water supply from the existing wells is not reliable and could be neglected. Then, the total sustainable water is only from the spring with average value of 1400m<sup>3</sup>/day.

The town has water storage tanks with total storage capacity of 390m<sup>3</sup>. The total distribution network of the town is 45km, consists of DI, GS and PVC. The Non-

Revenue Water (NRW) is 29%. The number of connected customers to the distribution system is 1,078 with metering ratio of 28%. The average billing value per month is TZS 18 million, collection efficiency is 63%.

The Challenges which face Muheza Water Supply are; underdeveloped water sources and treatment facility, network, storage capacity, inadequate office space, staff, working tools and unavailability sanitation facilities.

There is a study done by Arab Consult Ltd in July, 2010 for Pangani and Muheza towns.

#### **(4) KILWA MOSOKO TOWN:**

##### **A: Project Location**

Kilwa Masoko is the administrative capital of Kilwa district in the Lindi Region, south eastern Tanzania. Kilwa Masoko town is located in Kilwa district south - east of Tanzania about 300km from Dar es salaam City. It is located at around 8°05'00" south; 39°30'45" East, bordered by Indian Ocean on its eastern side, in southern part it is bordered by Lindi district, on the western side by Liwale District and on its northern part by Rufiji district.

The town water services is managed by Kilwa Masoko Urban Water Supply and Sanitation Authority (KIMUWASA) that was established on 17th June 2005 as semi-autonomous water utility, and is currently in Category 'C. Kilwa Masoko has been identified and included in the overall project for improvements of water supply due to the urgent need of improving the water supply and sanitation in this township, the project aims to feed the small towns of Kilwa Masoko, Kilwa Kivinje, Singino, Mavuji, Nangurukuru and Mchakama, that will include nine wards namely Masoko, Kisiwani, Mkwanyule, Mnazi Mmoja, Miembe Miwili, Mchomolo, Kisangi, Lupedile and Mpara which amount to a service area of 10,085 hectares.

Economically Kilwa Masoko town has neither industries nor big factories, by its nature Kilwa Masoko has a number of tourist attractions which makes it a small touristic town in the area. with big hotels. Most of the residents gets their income through agricultural activities including urban farming, growing vegetables and other season crops, on top of all these activities tourism is the key economic ventures of the town that includes fish farming, salt farming and tourism, being a major center for administrative and commercial activities in the district, Kilwa Masoko is characterized by flat land, sand beaches and ancient buildings which attracts many tourists.

##### **B: Existing Situation**

The base population in the project area is 12,324 (census 2002), a population growth rate of the area is 3.5%. The projected population of Kilwa Masoko Township in the (year 2016), medium (year and long-terms (year 2026) is estimated to be 18,596, 22,087 and 26,232 respectively.

The projected domestic, industrial, institutional and commercial water demands for Kilwa Masoko Town is 35l/s, 44l/s and 60l/s for the short (year 2016), medium (year 2021) and long-terms (year 2026) respectively.

Kilwa Masoko Town is served by three existing boreholes in Kilwa Masoko well field (Mkapa Garden) as well as a spring in Mpara, including three boreholes in Mpara well field which were drilled by FINIDA but have never been utilized. There are series of interventions in the area, Kilwa Masoko is currently in the final stages of completing the construction of a 137m<sup>3</sup> elevated tank, however, analysis carried out showed that an additional storage capacity of 500m<sup>3</sup> would be required in the short-term.

The existing boreholes in Kilwa Masoko well field (Mkapa Garden) as well as commissioning of Siwalo-2 borehole, which is in the same well field, have been adding up supplies to the township since 2016. The three existing boreholes at Mpara as well as Siwalo-2 borehole and two more boreholes to be drilled at Mpara can cater to the township's demand for the medium term (year 2021) while for the long term (year 2026), an additional two boreholes need to be drilled at Mpara to serve together with the medium-term sources. It was also recommended that except for Siwalo-2 borehole, the existing boreholes at Kilwa Masoko well field (Mkapa Garden) should be abandoned by the medium term (year 2021) due to envisaged contamination, as the well field is located within the residence of the town.

The Challenges which face Kilwa Masoko are; underdeveloped water sources, network, storage capacity, inadequate office space, staff, working tools and unavailability sanitation facilities.

There are two studies done by ASPAC international April 2015, and SEURECA in Association with NETWAS in June, 2009 for Kilwa Masoko town.

## **(5) PANGANI TOWN**

### **A: Project Location**

Pangani is a town in northeast Tanzania that lies 45 km south of Tanga, with long history culture the town has Arabic, German, Asian and British Colonial rules influence, at the mouth of the Pangani River. It is the headquarters of Pangani district, the Pangani town is in the south eastern part of Tanga region with population of 18,297, with the water demand of 1,921m<sup>3</sup>/day.

Pangani Water supply authority serves Pangani town and four villages in the vicinity namely Mbweni, Madanga, Kimang'a and Mseko, main water sources for this utility is 5 boreholes located at Boza village, out of five bore holes only four are operational, the fifth bore hole has been abandoned as a result of increasing salinity. Production capacity of all four bore holes is 1,248m<sup>3</sup>/day while the actual demand is 1,921m<sup>3</sup>/day. Pangani has a network of 65kms Population served by the utility is 13,160 which is equal to 72% of the total population. Utility has

### **B: Existing Situation**

The total network for town (Transmission Main and distribution network) is about 65km consists of uPVC, HDPE, GS, DI, Asbestos and Polyethylene. The Non-Revenue Water (NRW) is 63%. The number of connected customers to the distribution system is 1,370 registered customers and four public kiosks. Billing value is 9,078,533.00

and collection efficiency is 97%.

The Challenges which face Pangani Water Supply Authority are; underdeveloped water sources and treatment facility, network, storage capacity, inadequate office space, staff, working tools and unavailability sanitation facilities.

There is a study done by Arab Consult Ltd in July, 2010 for Pangani and Muheza towns.

## **(6) IFAKARA TOWN**

### **A: Project Location**

Ifakara town is an administrative headquarters of the Kilombero District and is almost at the center of the District heart and operates as the commercial center of the entire District. Ifakara town is situated on latitudes -80 07'59.99" south and longitudes 360 40'59.99" east and has high temperature (average from 26<sup>o</sup> to 32 °C which is hot weather condition) with bimodal rainfall patterns (average rainfall ranges from 1200 to 1600mm). Short rains period begins towards the end of November and ends in January or February while long rain usually starts in March and end in May or June.

The main occupation of the people in Kilombero District is agriculture. About 90% of the population is engaged in Agricultural production, which is predominantly for subsistence. However, in recent years there is a move to transform it to be more commercial oriented agricultural production. Rice, Maize, Beans, and Bananas are the main food crops while sugarcane, cotton, simsim and cocoa are grown for commercial purposes. Livestock keeping is another economic activity and most livestock keepers are pastoralists and agro-pastoralists. Fishing is another important economic activity though not yet developed to its full potential. Fishing activity is practiced in Kilombero River and on small swamps along Kilombero valley.

The population of Ifakara town is about 122,688 projected from the 2012 Census reflecting population from the nine wards of Ifakara town council namely Ifakara, Kibaoni, Katindiuka, Viwanja Sitini, Lipangalala, Mbasia, Michenga, Lumemo and Mlabani.

The potentials of commercially oriented agricultural production especially on the increased production and sales of Rice have resulted in the fast growth of the construction industry in the area and modernization of houses with the increased demand for the piped water.

The presence of areas with no pipe network coverage in the town limits water supply services. Many people walk long distances to fetch water from unsafe water sources available in the area.

### **B: Existing Situation**

#### **Water Supply**

The water supply service delivery coverage in Ifakara town is less than 11% as a result of limited pipe network in the area. Limited pipe networks in Ifakara town is one of the stumbling blocks in the water supply coverage, the project for

improvement of water supply system and sanitation including upgrading some of the water sources, expand and extend the water pipelines to the areas with no network coverage is important for both the Water supply Authority and the Community in need. Some people gets water from privately owned shallow wells and they do pay around 50 to 100 Tshs for a 20lts jerry can.

#### Water production

There are four boreholes drilled by different development partners currently fitted with hand pumps which supplies water to the community, others get water from shallow wells fitted with hand pumps located in some parts of the area. The deep and shallow wells are located in different areas within the town connected to a system with transmission mains and lateral pipes of 21km, current production is about 506m<sup>3</sup> per day with the demand at 4,507m<sup>3</sup> per day.

During the peak hours Ifakara Urban Water Supply experiences the overcrowding in the areas with hand pumps; the demand production analysis indicates that there is a need for intervention

The Challenges which face Ifakara Water Supply Authority are; lack of water sources and treatment facility, network, storage capacity, inadequate office space, staff, working tools and unavailability sanitation facilities.

There is a study done by a team of experts from MoWI in conjunction with MORUWASA in September 2017 for Ifakara Township.

## PACKAGE-II

### (1) CHUNYA TOWN:

#### A: Project Location

Chunya town is the Headquarters of Chunya District in Mbeya Region. The town is located between Latitudes 8°31'2" North and Longitudes 33°21'37" East in a mountainous and undulating topography, scattered rolling mountains and flat areas. The town is about 72km from Mbeya City in the Southern Highlands of Tanzania.

#### B: Existing Situation

Water supply in Chunya Town is managed by a utility namely Chunya Urban Water Supply and Sanitation Authority. The Authority is governed by a Board of Directors constituted by seven (7) members representing different stakeholders. The current population in the town is estimated to be 26,930. The main water source for the town is from four (4) boreholes which all together produce an average 768m<sup>3</sup> per day against the estimated current water demand of 2,154m<sup>3</sup> per day. Out of the above mentioned population, the Utility serves only 14,138 people at an average of 6 hours per day.

Transmission mains from the boreholes to the storage tanks have a total length of 3.8km consisting PVC and Poly. The town has three (3) water storage tanks with a

total storage capacity of 425m<sup>3</sup>. Distribution network has a total length of 20.32km consisting of Ductile Iron (DI), Asbestos, Cast Iron, PVC and Poly. The only treatment applied is disinfection, which is done manually using a locally made system. Average Non-Revenue Water (NRW) is 34%. This amount is however questionable since out of 1,255 connected customers 1,098 are metered and the remaining pay flat rates. The average monthly billing and collection values are TZS 13 million and TZS 11.05 million, respectively. The average monthly operational cost is TZS 31 million. Thus, the Utility depends on subsidy from the District Council to run its business including payment of salaries for permanent staff and payment of electricity bills for water production.

The utility faces a number of challenges including low water production, inadequate storage capacity and distribution networks. Other challenges are inadequate office space, staff and basic working tools. On its course to improve water service in Chunya Town, the Government contracted a consultant namely M/s Seureca in Association with Netwas Tanzania Ltd to carry out a feasibility study and detailed engineering design. The study was completed in September, 2012. However, implementation of the project could not be done due to financial constraints.

Meanwhile, there is an ongoing project which aims at increasing water production of 1,040m<sup>3</sup> per day from four (4) drilled new boreholes and a storage tank of capacity 500m<sup>3</sup>.

## **(2) NJOMBE TOWN:**

### **A: Project Location**

Njombe town is the Headquarters of the newly established Njombe Region. It is located in the Southern Highlands of Tanzania lying between latitude 9°10' and 9°45' south of equator and longitude 34°25'-35°27' longitudes East of Greenwich. The town is easily accessible through tarmac road from Dar Es Salaam about 750km, from Mbeya City 237km and from Iringa along Makambako Songea highway 240km. The town borders Ludewa District and Ruvuma Region in the South. It borders Morogoro Region in the East, Makete District in the West, Mbeya Region in the Northwest and Mufindi District in the North.

### **B: Existing Situation**

Water supply and sanitation services in Njombe Town are managed by Njombe Urban Water Supply and Sanitation Authority (NJUWASA) under the governance of a Board of Directors composed of ten (10) members representing various stakeholders. The current population of Njombe Town is 66,550 out of which only 35,385 people are served at an average of 12 hours per day. The current main water sources for Njombe town are five (5) springs namely Magoda, Wikichi, Lunyanywi, Nyenga and Kibena which all together produce an average 5,551m<sup>3</sup> per day. The current total water demand is estimated to be 8,914m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 142.38km consisting of uPVC, HDPE, GS, DI and Polyethylene. The town has fourteen (14)

water storage tanks with a total capacity of 1,045m<sup>3</sup>. The only treatment done is disinfection. Average NRW is 28% although this figure is uncertain because metering ratio is 82.5%. The average monthly billing value is TZS 75 million out of which TZS 63.75 million is collected on average per month. Thus collection efficiency is 85%. Average operational cost per month is TZS 85 million. Thus, NJUWASA depends on Government subsidy to run its business including payment of salaries to some members of permanent staff.

Like other Utilities mentioned above, the main challenges faced by NJUWASA are inadequate water production, storage and capacity distribution main, lack of treatment facilities and sewerage system and inadequate office space and basic working tools and inadequate staff.

In August, 2011 a study for improvement of water supply in Njombe Town was completed by a Consultant namely M/s DonConsult Limited in association with POYRY Environmental GmbH. However, implementation of the designed project could not be done due to financial constraints.

### **(3) RUJEWU TOWNSHIP:**

#### **A: Project Location**

Rujewa town is the Mbarali Administrative Headquarter located 128km from Mbeya City and 8km from Igawa junction which is along the Makambako - Mbeya highway. Geographically, it lies between latitude 8040' and 8050' South of equator and between longitudes 34030' and 34020' East of Greenwich Meridian.

#### **B: Existing Situation**

Water supply and sanitation services in Rujewa Town are managed by Rujewa Urban Water Supply and Sanitation Authority (RUWASA) which is lead by a Board of Directors composed of seven (7) members representing various stakeholders. The current population of the town is 56,837 out of which only 33,012 people are served at an average of 6 hours per day. The current main water sources are Igomelo Stream and two Boreholes which all together produce an average 2,166m<sup>3</sup> per day. The current total water demand is estimated to be 7,610m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 90km consisting of uPVC, GS and DI. The town has nine (9) water storage tanks with a total capacity of 725m<sup>3</sup>. The only treatment done is disinfection by a locally made system. Average NRW is said to be 29% . This figure is questionable as the metering ratio is only 28%. The average monthly billing value is TZS 8 million out of which TZS 5 million on average per month is collected.

The challenges faced by RUWASA are inadequate water production, storage and capacity distribution main, lack of treatment facilities and sewerage system and inadequate office space, staff and basic working tools.

On its course to improve water service in Rujewa Town, the Government contracted a consultant namely M/s Seureca in association with Netwas Tanzania Ltd to carry out a feasibility study and detailed engineering design. The study was completed in

August, 2011. However, implementation of the designed project could not be done due to financial constraints.

#### **(4) WANGING'OMBE TOWN:**

**A: Project Location**

Wanging'ombe National Water Supply Scheme is located approximately between 8°30' and 9°10' Latitudes S and between 34°30' and 34°50' longitude E. The Project's head office is located at Ilembula some 5km from Halali Village which is the junction of the main road from Dar es Salaam to Zambia. The supply area of the project is estimated to be 1000km<sup>2</sup> in which there are 62 villages.

**B: Existing Situation**

A Utility namely Wanging'ombe Water Supply and Sanitation Authority (WANGIWASA) operates the Wanging'ombe National Water Project and is governed by a Board of Directors composed of ten (10) members representing various stakeholders. The current population of Wanging'ombe National Water Project service area is 161,816 out of which only 95,788 people are served at an average of 12 hours per day. The current main water sources for are two (2) springs namely Mtitafu and Mbukwa which all together produce an average 6,312m<sup>3</sup> per day. The current total water demand is 10,663m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 391km consisting of uPVC, GS and Polyethylene. The town has fifty nine (59) water storage tanks with a total storage capacity of 4,400m<sup>3</sup>. Raw water is tapped from the two sources and conveyed to customers without being treated whatsoever i.e. neither physical treatment nor bacteriological treatment is done. Average NRW is said to be 64%. The number of connected customers to the distribution network is 4,872 and metering ratio is 73%. The average monthly billing value is TZS 25 million out of which TZS 20 million is collected on average per month. Average operational cost per month is TZS 40 million.

The main challenges faced by WANGIWASA are inadequate water production, storage and capacity distribution main, lack of treatment facilities and sewerage system and inadequate office space, staff and basic working tools.

A study for improvement of water supply in Wanging'ombe National Project Area was carried out by a consultant namely M/s DonConsult Limited in association with POYRY Environmental GmbH and completed in October, 2010. However, the designed project could not move ahead with implementation due to financial constraints.

#### **(5) SONGEA TOWN:**

**A: Project Location**

Songea Town is the Headquarters of Ruvuma Region in the South Eastern part of Tanzania. The town lies between Longitudes 35°-30' and 35°-45' East of Greenwich



and Latitude 10'-30'to10'35' South of Equator. It is bordered to the north by Songea Rural District, to the East by Namtumbo District, to the South by Mozambique and to the West by Mbinga District. Songea Municipality comprises 9 wards of Matogoro, Majengo, Bombambili, Matarawe, Lizaboni, Mfaranyaki, Misufini and Songea Town. The town is well linked by passable roads to other parts of the country including Songea-Tunduru road which connects the town to Lindi and Mtwara Regions, Songea-Njombe-Makambako road which connects the town to Iringa and Mbeya Regions and Songea-Mbamba Bay road which connects the town to Mbeya Region via Lake Nyasa. Songea Municipality is the major center for administrative and commercial activities in the Region.

The topography of the town is characterized by hills with altitudes ranging between 980m-1100 mamsl. The undulating nature is predominant around the Matogoro Mountain while other parts are gently sloping especially Mletele, Subira, Ruhuwiko and Mshangano wards. There are valleys and streams flowing from the hills and terminating into several rivers including Ruvuma, Luwawasi and Ruhila River.

#### B: Existing Situation

Water supply and sanitation services in Songea Town are managed by a Utility namely Songea Urban Water Supply and Sanitation Authority (SOUWASA). The Authority has a Board of Directors composed of ten (10) members representing various stakeholders. The current population of the town based on the 2012 national census is 249,747. The main water source for Songea town is surface water from Ruvuma and Ruhila Rivers, which flow by gravity to the treatment plant. However, in the downstream of Ruhila River there is a pumping station used to augment water during dry season. From treatment plant water gravitates to reservoirs located at different parts of the Town. The reservoirs supply water by gravity to eleven (11) different zones in the town.

Currently, water production is 11,500m<sup>3</sup> per day while the current water demand is estimated to be 19,404m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 440km consisting of PVC, HDPE and Ductile Iron (DI). This network covers approximately 54% of the entire town. The existing total storage capacity is 4,025m<sup>3</sup>. Metering ratio is 99% and average Non-Revenue Water (NRW) is 20%. Average monthly billing value is TZS 227 million out of which 88% is collected. Average monthly operational cost is TZS 231 million. Sewerage system in Songea Town has a total length of 37.1km.

SOUWASA faces a number of challenges including inadequate water production, distribution main and storage capacity. The Utility does not have adequate office space, staff, working tools and unavailability sanitation facilities.

On its course to improve water service in Songea Town, the Government contracted a consultant namely M/s Don Consult Ltd in Association with CEC to carry out a feasibility study and detailed engineering design. The study was completed in

November, 2010. However, implementation of the designed project could not be done due to financial constraints.

#### **(6) MAKAMBAKO TOWNSHIP:**

**A: Project Location**

Makambako Township is located in Njombe District at latitude 8°50'60.000"S and longitude 34°49'59.880"E in Njombe Region. It is the Headquarters of Makambako Division. The town is situated along the Dar es Salaam - Mbeya road some 170km South of Iringa and about 60km, 132km from Njombe Township and Mbeya City, respectively. The town is also connected to the principal railway line (TAZARA) and Highway that goes up to Kaprimposhi Zambia.

**B: Existing Situation**

Water supply and sanitation services in Makambako Town are managed by Makambako Urban Water Supply and Sanitation Authority (MAKUWASA) and governed by a Board of Directors composed of seven (7) members representing various stakeholders. The current population of Makambako Town is 81,155 out of which only 47,801 people are served at an average of 15 hours per day. The only treatment done is disinfection. The current main water sources for Makambako town are from one (1) spring namely Fukulwa and nine (9) boreholes which all together produce an average 2,893.8m<sup>3</sup> per day. The current total water demand is 6,087m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 64.7km consisting of uPVC and Polyethylene. The town has five (5) water storage tanks with a total capacity of 990m<sup>3</sup>. The only treatment done is disinfection. Average NRW is 28.2%. The number of connected customers to the distribution system is 4,000 and metering ratio is 100%. The average monthly billing value is TZS 35 million out of which TZS 28 million is collected on average per month. Average operational cost per month is TZS 40 million.

MAKUWASA faces a number of challenges the most critical ones being inadequate water production, storage and capacity distribution main, lack of treatment facilities and sewerage system and inadequate office space, staff and basic working tools.

On its course to improve water service in Makambako Town, the Government contracted a consultant namely M/s DonConsult Limited in association with POYRY Environmental GmbH to carry out a feasibility study and detailed engineering design. The study was completed in October, 2010. The designed project could not be implemented due to financial constraints.

#### **(7) MAFINGA TOWN**

**A: Project Location**

Mafinga Township is the headquarters of Mufindi district, 80km South of Iringa regional headquarters, along Tanzania - Zambia Highway (TANZAM). The town can be found between Latitude 8°20' South of Equator and Longitude 35°20' East of Greenwich. The town is characterized by mountains found between 1800m to 2010m above sea level, temperature ranges between 13° C to 25° C. The town experiences heavy rainfall during rainy season from October to April. Mean annual rainfall is between 1200mm to 1600mm.

**B: Existing Situation**

Water supply and sanitation services in Mafinga Town are managed by Mafinga Urban Water Supply and Sanitation Authority (MAUWASA) which is lead by a Board of Directors composed of seven (7) members representing various stakeholders. The current population of Mafinga Town is 76,501 out of which only 50,710 people are served at an average of 12 hours per day. The current main water sources for Mafinga town are from two (2) schemes namely Ikangafu and Mkombwe which all together produce an average 2,250m<sup>3</sup> per day. The current total water demand is 6,287m<sup>3</sup> per day.

Transmission main and distribution network have a total length of about 206.04 consisting of uPVC, HDPE, GS, DI, Cast Iron and Polyethylene. The town has five (5) water storage tanks with a total storage capacity of 995m<sup>3</sup>. Treatment is done by disinfection. Average NRW is 40%. The number of connected customers to the distribution system is 3,507 and metering ratio is 88%. The average monthly billing value is TZS 32 million out of which TZS 30 million is collected on average per month.

The Challenges facing MAUWASA include the same as those of other utilities i.e. inadequate water production, storage and capacity distribution main, lack of treatment facilities and sewerage system and inadequate office space, staff and basic working tools.

On its course to improve water service in Mafinga Town, the Government contracted a consultant namely M/s DonConsult Limited in association with POYRY Environmental GmbH to carry out a feasibility study and detailed engineering design. The study was completed in August, 2011 but the designed project could be implemented due to financial constraints.

## **PACKAGE-III**

### **(1) MPANDA TOWN**

**A: Project Location**

Mpanda Municipal is the new headquarters of Katavi region. Mpanda lies at the crossings of Longitudes 30°31' and 33°00' East of the Greenwich Meridian and Latitude 5°15' and 7°03' south of the Equator. It is bordered with Kasokola ward of Mpanda District Council to the north, Mtapenda and Nsimbo wards of Nsimbo

## Part I. Scope of Consultant Services

District Council to the East, Magamba ward also of Nsimbo District Council to the South and Machimboni ward of Nsimbo DC and Kabungu ward of Mpanda District Council to the West.

The current population based on 2012 National Census for Mpanda Municipality is 102,900 Mpanda Urban Water Supply and Sanitation Authority (MUWASA) provide the water services within Mpanda Municipality.

### B: Existing Situation

The existing water supply service for this town is under Mpanda Urban Water supply and Sanitation Authority (MUWASA) The main water source for Mpanda Municipal is surface water from three water sources which are Milala dam, Manga River and Ikolongo spring. The water qualities of these sources are characterized by E. coli presence and high turbidity for Manga River and Milala dam sources, especially during rainy season. Milala Dam is located in the Mpanda River about 3 km North West of the Municipal constructed in the year 1956. Milala dam is an earth fill dam. It has a catchment area of 390km<sup>2</sup> with a storage capacity of 900,000m<sup>3</sup>. Water is abstracted from dam by siphoning action to the sump well which is then pumped by three surface pumps with installed capacity of 350m<sup>3</sup>/hr. Current water produced from this source is 200m<sup>3</sup>/day.

Manga intake located 14km North East of Mpanda Municipal was constructed in the year 1984 with a capacity of producing 3,000m<sup>3</sup>/day. Current water abstraction is 600m<sup>3</sup>/day. Ikolongo stream is found in Katumba forest and is located 28km from Mpanda Municipal and it has a discharge of 3,000m<sup>3</sup>/day. Water from Ikolongo spring is clean but not safe. Other water source includes boreholes and shallow wells.

The current total water production from all sources is 3,150m<sup>3</sup>/day. The gross daily water demand is estimated at 7,384m<sup>3</sup>/day. The total length of the distribution networks is 169Km. There are five water storage tanks with a total capacity of 2,530m<sup>3</sup>. Annual revenue collection is 444.7 Million with a collection efficiency 87.6%. The metering ration is 74% and Non-Revenue Water (NRW) is 35.2%.

## **(2) SIKONGE TOWN:**

### A: Project Location

Sikonge Town is the headquarters of Sikonge District, located in the eastern part of the District. Tabora –Chunya-Mbeya trunk road which links the western part of the country to the southern part of the country passes through Sikonge Town. The township lies between UTM Coordinates of about 9373000N and 9380000N, and 470600E and 475000E. The township lies between 1140m to 1200m masl in most cases with a gentle and flat terrain and a pick elevation of 1240m masl on the top of Misheni hills.

Sikonge District is one of the seven districts which comprise Tabora Region. The District is bordered by Urambo District on the Western side, Uyui District on the Northern and North-Eastern sides, Manyoni District on the Eastern and South-

eastern sides The District covers an area of 27,873 square kilometers, out of which 26,479 square kilometers is Forest and Game Reserves thus leaving 1,394 km<sup>2</sup> for settlements and other economic activities.

Sikonge District consists of 17 wards (including Sikonge town). It is the least populated but the largest district in size among the seven districts in Tabora Region. As per the 2012 census, the district has a total population of about 179,883 people with an annual growth rate of 3.08% with an average of 5.9 persons per household.

**B: Existing Situation**

The existing water supply service for this town is under Sikonge Urban Water supply and Sanitation Authority (SUWASA) which supply water from Utyatya dam with capacity of 1,600,000m<sup>3</sup>, located 15Kms from town center. The Utyatya Dam was constructed in 1959 with a capacity of abstracting 1000m<sup>3</sup>/d. Current water abstraction is 540m<sup>3</sup>/d. Water from the dam is collected and pumped to the flocculators and pass through a settling tank before entering the clear water tank and then pumped to a 135m<sup>3</sup> tank located at the hill near a Moravian Mission. Water is distributed to Sikonge Township in a network of 32.4 kms. The gross daily water demand in Sikonge Township is estimated at 1865m<sup>3</sup>/day. The utility has a total of 466 customers, 10 kiosks which are 100% metered and 20% NRW.

Challenges of this utility is the inadequate water sources, distribution network, water weeds intrusion in Utyatya Dam, low water tariff, office building and inadequate staffs.

**(3) URAMBO KALIUA TOWNS:**

**A: Project Location**

Urambo District is one of the seven districts of the Tabora Region of Tanzania. The township lies between coordinates 9385000 N and 9373000 N, and 466000 E and 478000 E. It is bordered to the North by the Kaliua District, to the East by the Uyui District, to the Southeast by the Sikonge District, and to the Southwest by the Katavi Region. It lies between 1100m and 1134m above sea level. According to the 2012 Tanzania National Census the population of Urambo Town was 42,274 with a growth rate of 3.2%. Urambo Town is located in Urambo District about 95km west of Tabora Municipality along Tabora - Kigoma road and is accessible by this regional trunk tarmac road.

**B: Existing Situation**

Water supply in Urambo is managed by Urban Water Supply and Sanitation Authority (URUWASA) which is charged with the overall responsibility of operations of water supply and sanitation services. Currently, in Urambo Township there are no reliable water sources. The available water source includes 6 boreholes which produce a total of 338m<sup>3</sup>/day against an estimated current water demand of 3,331m<sup>3</sup>/day. The majority of population depends on privately owned or traditional

water sources mostly shallow wells without hand pumps. The water from most of the wells is saline and its bacteriological quality is questionable. Moreover, the well yields are unreliable during dry seasons.

The Authority water network coverage is estimated to be 10%. Water is supplied without any kind of treatment. Distribution system is 48.7km comprising different pipe materials and sizes with 36 communal water kiosks and 250 individual consumer connections. 27 public water kiosk are in operation. The town has four storage tanks with total storage capacity of 270m<sup>3</sup>

Non-Revenue Water is estimated to be 23%. The average billing value is 2.9millions per month while the collection efficiency is 92.6%. Metering ratio is 86% and the revenue collection is TSh. 3.5 millions and the average operation cost is Tshs 3.8millions. Water is supplied without any kind of treatment. The Authority has a total of 14 employees out of which, 4 are permanent (employed by DED) and 10 are contractual. The challenges which face the utility are; high operation and maintenance cost, lack of reliable water sources, small coverage on the distribution network, no fund disbursement form Ministry, no available office space for operation of the utility.

**Kaliua Township**, which is composed of two Ward namely Ushokola and Kaliua, is located in Kaliua District about 35km west of Urambo town (130km further west of Tabora Municipality) along Tabora - Kigoma road and is accessible through the regional trunk gravel road that will be upgraded soon to tarmac road. Kaliua town is located at an altitude of 1080-1090 (masl) meters above mean sea level. Most of the town lies on flat land which slopes gradually. The current population of Kaliua is estimated to be 34687. The Urambo and Kaliua will be implemented as one project and will comprise the Construction of the Intake, Construction Water Treatment Plant, Construction of Transmission Main, Installation of Electromechanical Equipment, Construction of Water Reservoirs and Construction of Distribution Networks

However, there is ongoing study by IGIP Consulting Engineers Ltd for Urambo and Kaliua Towns. Meanwhile there is a proposal for utilizing water form KASHWASA.

#### **(4) KIOMBOI TOWN:**

##### **A: Project Location**

Kiomboi is an administrative ward of Iramba District of the Singida Region in Tanzania. It is bordered with Meatu Districts, to the North, Mkalama District to the East, Singida District to the South and Igunga districts to the West and Maswa to the North West. Kiomboi town is located in the central part of Tanzania, about 30km from Sekenke escarpment and 70km from Singida town and at a distance of about 820 Km from Dar-es-Salaam and its altitude ranges between 1500 to 1700m a.s.l. The town is located within Iramba district which lie between latitudes 30° to 35° Southern of the equator and Longitudes 35° to 39° east of Greenwich and covers an area of about 20 km<sup>2</sup>. The 2012 population census for Kiomboi Township was 25,375. The town is characterized by uni-modal type of rainfall which falls between November and April. The average annual rainfall in the district ranges between 500

- 850mm. The main economic activity conducted by people living in Kiomboi town is agricultural activities and livestock keeping.

**B: Existing Situation**

The existing water supply service for this town is under Kiomboi Water supply and Sanitation Authority (KUWASA) which supply water from boreholes. Water Supply and Sanitation services for Kiomboi started in 1961. Two boreholes which were drilled during this year produced a total of 240m<sup>3</sup>/day. In 1962, the first pipeline was constructed from Tutu village to Kiomboi town. In years 1974, 1985, 1995 and 1998 further expansion and rehabilitation of the installed water supply facilities were done. Concurrently, the establishment and development of the well fields at Salala, Magula, Pyululu and Tutu were also done. Other immediate works carried out include installation of pumping units, construction of storage reservoirs and public water points.

During year 2004 – 2010 Salala well field was developed and was able to produce 21m<sup>3</sup>/hr. However, it was then closed following a serious drop of the yield to 6m<sup>3</sup>/hr. Another well field was then established; for this case Pyululu and four boreholes were drilled which were expected to produce 90m<sup>3</sup>/hr equivalent to 2,160m<sup>3</sup>/day. The expected yield was meant to suffice the demand for 10 years for this case 2015, instead only 35m<sup>3</sup>/hr (840m<sup>3</sup>/day) was abstracted. Due to serious shortage of water around August – November, 2013, the Iramba District Water Engineer together with KIUWASA managed to replace one of the failed motors on December, 2013. Up to now (June, 2018), three boreholes are working producing a total of 30m<sup>3</sup>/hr (720m<sup>3</sup>/day). The utility was implementing the water supply improvement project which include the development of Magula borehole (13m<sup>3</sup>/h), construction of new Raising Main from Magula to the Tank and rehabilitation of the electricity systems in old boreholes. The project was implemented by Asegelile Investment Company Ltd. The contract breaks when the contractor was 38% of implementation due to breach of contract on 08/06/2018.

The Township has a total length of 37.6 km for distribution network and 6.8km Transmission main. The gross daily water demand in Kiomboi Township is estimated at 1974m<sup>3</sup>/day (2018). The utility has a total of 801 customers, 18 kiosks with 98% metering ratio. NRW is 20%. Challenges of this utility are the inadequate Water sources, Distribution network, lack of office building, High cost of Operation and Maintenance, Unpaid bills from Government Institutions and inadequate number of staffs.

## **(5) SINGIDA TOWN**

**A: Project Location**

Singida is one of the regions of Tanzania. The regional capital is the municipality of Singida. The region is located below the equator between latitudes 3052' and 7034'. Longitudinally the region is situated between 33027' and 35026' east of Greenwich. To the north, it shares borders with Shinyanga Region; Arusha, Manyara

and on the east borders Dodoma. To the south it shares borders with Iringa and Mbeya while on the west there is Tabora Region.

It is accessible from Arusha through Babati and Katesh in Manyara Region; Dar es salaam, Iringa and Mbeya through Dodoma and Tabora, Shinyanga and Mwanza through Nzega in Tabora Region. The connection to Shinyanga, Mwanza and Tabora via Nzega is passable all the year round. According to the 2012 Tanzania National Census, the population of Singida Region was 1,370,637, while the population of Singida Municipality is 150,379 with an average growth rate of 2.3%.

**B: Existing Situation**

Singida Urban Water Supply and Sanitation Authority (SUWASA) was established under section 3(I) of Cap. 272 of 1997 as repealed by section 60 of Water Supply and Sanitation Act No. 12 of 2009. SUWASA is charged with the overall responsibility of operations and management of water supply and sanitation services in Singida urban within the Municipality.

The current main water sources for this town are from boreholes which all together produce a total of 7000m<sup>3</sup>/day against an estimated current water demand of 11,050m<sup>3</sup>/day. The Authority water network is coverage is 300km.

The average billing value is Tsh 2.4 Billions and collection efficiency is 69%. Non-Revenue Water is 25%. Total number of connections is 10,961 with 100% metering ratio. The operation cost is around TSh. 2,199.7 Billion. Water is treated before entering the storage tank using dosing pump installed in chlorine building constructed near the storage tank site. The main water supply scheme comprises the following principal components: the town has a total storage capacity of 7570m<sup>3</sup>.

Currently, there is no sewerage system in Singida Municipality, but the Final Detailed Design done by Don Consult (2014) indicates the proper wastewater collection, treatment and disposal facilities until the planning horizon 2036. The Authority has a total of 49 employees which are employed by the Authority, The challenges which face SUWASA are Lack of reliable water sources. And inadequate office space for operation of the utility.

**(6) MANYONI TOWN**

**A: Project Location**

Manyoni Town serves as the main centre of Manyoni District Council and one of the six Districts in Singida Region. The Township was established in 2002 comprising of three (3) wards, known as Muhalala, Mkwese and Manyoni. The wards are split into an average of three (3) village/mtaa namely Muhalala, Mdunundu, Kapiti for Muhalala Ward, Mkwese, Mitoo, and Kinyika for Mkwese Ward, Majengo, Manyoni, Mwanzi and Kipondoda for Manyoni Ward, which also were used as the basis for Census enumeration in year 2012. In accordance with 2012 National Population census, Manyoni Township had a population of 33,823 and 6,764 households. To date the Town is projected to have 34,905 people with an average of household's



size of 5.0 as per NBS classification. Currently, the town comprises of one (1) ward which is urban area and the others are rural in nature.

**B: Existing Situation**

The existing water supply service for this town is under Manyoni Water supply and Sanitation Authority (MUWASA) which supply water from nine (9) existing boreholes, whereby eight (8) boreholes are new located at Mitoo area owned by CCPS-Dodoma. One (1) borehole located at Mitoo ya chini feeding to 90m<sup>3</sup> storage tank at Samaria. The Manyoni Water Supply and Sanitation Authority entered into a contract with CCPS-Dodoma, which is a private religious institution under private public partnership agreement to supply bulk water. Existing bulk meter installed indicates the total water production is approximately 958m<sup>3</sup>/day from both sources owned by Authority and CCPS. The network has three (3) storage tanks with total storage capacity of 455m<sup>3</sup> although characterized with a limited old distribution network pipes. Water is distributed to Manyoni Town in a network of 59.9 kms. The gross daily water demand in Manyoni Town is estimated at 3000m<sup>3</sup>/day. The utility has a total of 2043 customers which are 100% metered and 22% NRW.

Challenges of this utility is the inadequate water sources, old distribution network, low water tariff, office building and inadequate number of staffs.

## **(7) CHEMBA TOWN**

**A: Project Location**

Chemba District is among seven (7) district of Dodoma region, which is situated 120km north of the regional headquarters of Dodoma Municipality and 40km South of Kondoa district headquarters. The headquarters of this district are situated at Chemba village. The Council was established with effect from 2013 vide a certificate of establishment under the terms of the provisions of sections 8 & 9 of the Local Government (District Authorities) Act 7, 1982.

Chemba Township is situated in Chemba District and the geographical coordinates are 5° 6' 13" South, 30° 23' 28" East. Chemba Township consists of 5 villages namely Chambalo, Kambi ya Nyasa, Gwandi, Paranga and Makamaka. Chemba Township can be reached through a trunk road T5 from Dodoma to Babati which passes through the district. According to 2012 National Population and housing census report, Chemba District had a population of 235,711. The current population for Chemba Township is estimated to be 8,318 people.

**B: Existing Situation**

Currently, there has no Urban Water Supply and Sanitation Authority established for monitoring water services in the town. Initially water supply services were managed by Community Owned Water Supply Organizations (COWSOs), but due to high operation and maintenance cost, COWSOs was not able to manage the water Supply and hence the project was handled to District Water Engineer (DWE) who is now providing the service to the community.

Chemba Township is in semi-arid zone and its water supply sources depend much on underground sources. Chemba Township has 5 BH which have a capacity to produce a total of 50m<sup>3</sup>/h. Currently only one BH is in operation which produce 108m<sup>3</sup>/day against an estimated water demand of 415m<sup>3</sup>/day. There is no water distribution network in the town, water from a 50m<sup>3</sup> tank is directed to the 3 public water points. Water is supplied without any kind of treatment. Mostly, villagers' use water from charcoal dams and few springs as water sources which are found in several place and are unprotected. Currently the operation is done using staff from District Executive Director (DED) whereby DWE is responsible for controlling the operational and he is assisted by 4 technician. The Township faces a lot of challenges including; lack of available water sources. Infrastructure for water supply services. No available office space for operation of the utility, nonexistence of the Authority, low fund disbursement.

## **PACKAGE-IV**

### **(1) KASULU TOWN**

#### **A. Project Location**

Kasulu small town is located in Kasulu District which is in the North Western part of Tanzania between latitude 3° 45' E and 5° 00 E and Longitude 29° 45' S and 30° 05' S. It is located along Kigoma - Mwanza road approximately 100 km from the Regional Headquarter – Kigoma. The town comprise of five wards (Kumsenga, Kumnyika, Kimobwa, Murasi and Murubona) and has an estimated current population of about 74,500 inhabitants (2012 Census) and current service coverage of only about 65% of which about 48,000 live within the supply area of the Kasulu Urban Water and Sewerage Authority (KUWSSA)

#### **B. Existing Situation**

The existing water supply system consists of four water sources (gravity systems) and a transmission and distribution network with a total length of about 53 km. Total storage capacity is 450m<sup>3</sup> (4 reservoirs ranging from 90m<sup>3</sup> to 220m<sup>3</sup>). At present, the average water production amounts to about 3,400 m<sup>3</sup>/d (estimated current water demand is 5,100 m<sup>3</sup>/d) whereas the estimated nominal design capacity of the existing sources is 4,000 m<sup>3</sup>/d. No water treatment plant exists and the only treatment is by manual chlorination at the reservoir sites. KUWSSA rations water supply with 15 hours of service daily. Kasulu small town does not yet dispose of any centralised sewerage collection and treatment facilities and the emptying and disposal of sewage from septic tanks is still under the responsibility of the municipality.

Out of a total number of 3,400 registered house connections, about 750 are at present in active customers. 1,330 customers are metered, which represents about 35% of the active registered consumers with about 3,200 domestic consumers, 100 Institution, 92 Commercial and 8 kiosks. Except for the metered consumers who

are charged 350 TShs/m<sup>3</sup>, the rest are charged under a flat rate (4,500 TShs/months).

KUWSSA has the status of an Urban Water Supply Authority governed by a Board of Directors and headed by a Managing Director. Currently KUWSSA has 14 employees out of which 5 are Government employees and 9 are employed/contracted directly by the authority. The economic situation of KUWSSA is determined by rising water production and a still unsatisfactory overall billing and collection efficiency.

## **(2) KAYANGA TOWN**

### **A. Project Location**

Kayanga small town is situated in Karagwe - Kagera, Tanzania, its geographical coordinates are 1° 31' 59" South, 31° 9' 18" East. The town can be accessed by road from Bukoba about 100km northwest of Kagera Region, it has an estimated current population of about 86,000 (2012 Census) inhabitants and a current service coverage of about 23% of which about 53,000 live within the supply area of the Kayanga Urban Water and Sewerage Authority.

### **B. Existing Situation**

The existing water supply system consists of three water sources (2 boreholes, 1 spring and 1 stream) and a distribution network with a length of about 30km (additional 31km under construction). Total storage capacity is 630m<sup>3</sup> (5 reservoirs ranging from 70m<sup>3</sup> to 200m<sup>3</sup>). At present, the average water production amounts to about 420 m<sup>3</sup>/d (estimated current water demand is 6,600 m<sup>3</sup>/d). No water treatment plant exists; the only treatment is by manual chlorination at the reservoir sites. Kayanga UWSA rations water the supply area with 3 hours of service daily. Kayanga small town does not have centralised sewerage collection and treatment facilities and the emptying and disposal of sewage from septic tanks is still under the responsibility of the municipality.

Out of a total number of 580 registered house connections, about 478 are metered customers including 26 water kiosks. Water billing is through metering (350 TShs/m<sup>3</sup>) and flat rate (4,500 TShs/months). Monthly revenue generated amounts to an average of 9 million TShs. Kayanga UWSSA has the status of an Urban Water Supply Authority governed by a Board of Directors and headed by a Manager. Currently Kayanga UWSSA has 13 employees out of which four (4) are Government employees and seven (7) are employed/contracted directly by the authority. The economic situation of Kayanga UWSSA is determined by rising water production and is still unsatisfactory overall billing and collection efficiency.

## **(3) GEITA TOWN:**

### **A. Project Location**

Geita is among the 31 Regions in Tanzania mainland, The region is bordered by Kagera region on the west, Shinyanga region on the South, Mwanza region on the

east and Lake Victoria on the Northern side. The regional centre can be accessed by road about 95km from Mwanza Town. Estimated current population of Geita town is about 170,000 (estimate) inhabitants and current service coverage of about 31% of which about 75,000 live within the supply area of the Geita Urban Water and Sewerage Authority.

## B. Existing Situation

The existing water supply system consists of three water sources (Nyankanga Dam 200m<sup>3</sup>/h, Kagera Borehole 13m<sup>3</sup>/h, spring 2.0m<sup>3</sup>/h), a transmission and distribution network with a length of about 228 km out of which 90km is mapped. Total storage capacity in use is 2,375m<sup>3</sup> (9 reservoirs ranging from 45m<sup>3</sup> to 1,200m<sup>3</sup>) and 4 other reservoirs with 815m<sup>3</sup> are at various stages of construction. At present, the average water production amounts to about 3,500 m<sup>3</sup>/d (estimated current water demand is 15,000 m<sup>3</sup>/d). One conversional treatment plant exist within Nyankanga Dam with a capacity of 200m<sup>3</sup>/d. Geita UWSSA rations water with an average of 7 hours of service daily. Geita town does not have centralised sewerage collection and treatment facilities and the emptying and disposal of sewage from septic tanks is still under the responsibility of the municipality.

Out of a total number of 4,300 registered house connections, 95% are metered customers including 4100 domestic, 120 commercial and 80 institutions. Water billing is through metering with average monthly collections of about 26 million TShs with an average monthly operation cost of 33 million TShs.

Geita UWSSA has the status of an Urban Water Supply Authority governed by a Board of Directors and headed by a Manager. Currently, Geita UWSSA has 23 employees out of which ten are Government employees and thirteen are employed/contracted directly by the authority. The economic situation of Geita UWSSA is determined by rising water production and a still unsatisfactory overall billing and collection efficiency.

## (4) RORYA TOWN:

### A. Project Location

Rorya small town is located in Rorya District-Mara Region. It comprise of 4 wards (Shirati, Utegi, Ingri Juu and Ingri Chini) and three villages (Kinesi, Nyamaguku and Masonga); the district capital is the village of Ingri Juu while the largest town is Shirati. It is bordered by Tarime District to the east, Butiama District to the south, Lake Victoria to the west, and the Republic of Kenya to the north. Rorya District is among the newly established councils, which commenced official on 1 July 2007. It emerged from division of Tarime District Council. The district is in the north of Tanzania and lies between latitudes 1°00" – 1°45" south of the Equator and longitudes 33° 30" – 35° 0" east of the Meridian.

### B. Existing Situation

The existing water supply system consists of two (2) boreholes and a surface (Lake Victoria). Boreholes sources cater only for Ingri Juu administrative blocks and

government officials (population of 32 people only) and the lake caters for Shirati Ward.

Rorya small town has no water authority except for Shirati where water services are managed by a Community Owned Water Supply Organisation (COWSO). For District headquarter (Ingri Juu), water services are managed by District Water engineer. Due to the prevailing status, information's related to Population of the town, population served, water demand, distribution and transmission networks, metering, operational data and costs were not available.

The utility faces a number of challenges including inadequate storage capacity; distribution networks, Office space, staff and basic working tools. The town does not have sanitation facilities

## **(5) MUGUMU TOWN**

### **A. Project Location**

Mugumu is a small town situated in Mara Region within Serengeti National Park. The geographical coordinates are 01°50' South and 34°40' East and can be accessed from Mwanza Region through Bunda about 276km and from Musoma Region about 122 km. Mugumu town has an estimated current population of about 57,000 inhabitants (2012 Census) and current service coverage of about 15% of which about 9000 live within the supply area of the Mugumu Urban Water Supply and Sewerage Authority.

### **B. Existing Situation**

The existing water supply system consists of one source (Manchira Dam) with an estimated amount of 14.3 million m<sup>3</sup>. The transmission and distribution network has a total length of about 49 km. Total storage capacity is 675m<sup>3</sup>. At present, the average water production amounts to about 1,700 m<sup>3</sup>/d. Design capacities of the system is 75m<sup>3</sup>/h; estimated current water demand is 3,400 m<sup>3</sup>/d). Currently, Mugumu UWSSA has no operational water treatment plant, however there is ongoing construction of the conversional treatment plant with a capacity of 4,400m<sup>3</sup>/d. Mugumu UWSA rations water within the supply area with 12 hours of service daily. Mugumu small town does not have centralised sewerage collection and treatment facilities and the emptying and disposal of sewage from septic tanks is still under the responsibility of the municipality.

Out of a total number of 1,670 registered house connections including domestic, Institutional and Commercial customers. Water billing is through metering (540 TShs/m<sup>3</sup>) and flat rate (7,500 TShs/months for Domestic, 11,000 TShs/months for Institution and 16,000 TShs/months for Commercial). Monthly revenue generated amounts to an average of 9 million TShs against the operation costs amounting to about 26 million TShs.

Mugumu UWSSA has the status of an Urban Water Supply Authority governed by a Board of Directors and headed by a Manager. Currently Mugumu UWSSA has 12 employees out of which four (4) are Government employees; eight (8) are

employed/contracted directly by the authority. The economic situation of Mugumu UWSSA is determined by rising water production and a still unsatisfactory overall billing and collection efficiency.

On its course to improve water supply service in Mugumu Town, the Government contracted a consultant namely M/s. Poyry Environmental GmbH in association with Don Consult Ltd to carry out a feasibility study and detailed engineering design. The study was completed in November 2011. The review shall take into consideration the changes, which have taken place. However the implementation was not implemented due to financial constraints.

## **PACKAGE-V**

### **(26) ZANZIBAR URBAN:**

#### **A. Project Location**

Zanzibar comprises two main islands, Unguja and Pemba off the Indian Ocean Coast of Tanzania, which it forms a part, Zanzibar, Unguja has Zanzibar Municipality as the major urban centre- the largest in Zanzibar, while Pemba has Chake Chake, Mkoni and Wete as notable urban centres. Zanzibar Municipality located to west of Unguja has a historic old town (Stone Town), new town (Ng'ambo) and new areas (West District). Unguja island is relatively flat (mean coastal elevation of 6.6m) while the centre side east of Zanzibar rises to 100m around Misingani ridge.

These two islands together form Zanzibar islands once a British Protectorate and forms part of united republic of Tanzania. Unguja and Pemba each consists of 1660 and 980 sq km respectively separated together by a strip of deep water about 25 km long. The present population of Zanzibar is about 1.3 Million people consisting of approximately 896721 and 406848 people on Unguja and Pemba respectively, the average annual population growth for both islands is 2.8% Zanzibar town is the largest urban centre on both islands.

#### **B. Existing Situation**

##### **General Description of the Water Supply**

The principal source of water in Zanzibar is groundwater which is found in various places under differing aquifer conditions; principal amongst which are natural springs, bore holders and caves. Exploitation has been through drills bore holders and hand dug wells. The Zanzibar water authority under the parent Ministry of water, Construction, Energy and lands is the Sole National water Executive Agency in Zanzibar. Presently there are 13 water supply schemes that serving urban west population. 3 of these schemes were built before 1964 and the rest were built between 1968 and 2009. Except for those communities which are served by piped water supply, others obtain water for their daily activities from various defective sources such as shallow hand dug wells and unprotected spring. Contamination of these sources long walking distance and time spending in fetching water and drying up of most sources during hot dry seasons are but a few of the shortcomings of

## Part I. Scope of Consultant Services

these systems. The problem of water supply in Zanzibar urban areas is very crucial and enormous. Resources concerned include not only water itself, but also the materials, financial and human resources required to manage operate and maintain the existing schemes.

## **Scope of Work**

### **a.] Description of Scope for Preparation of Detailed Project Report (DPR)**

The scope for Preparation of Detailed Project Report shall broadly include but not limited to the following:

The Consultant will be responsible for preparation of the DPR for Construction of water supply schemes in the package.

The DPR should cover the following areas:

- The social, economic and technical rationale of the proposed project;
- A detailed cost break-up along with detailed justification under each head;
- Availability of land for the proposed project, as also, details of access/right of way to the site;
- Requirement and availability of raw materials and intermediate inputs as well as utilities like water, electricity etc.;
- Requirement and availability of skilled and unskilled manpower;
- Commitment from various Ministries of the host country for implementation of the project, such as tax exoneration, allotment of land, environmental clearances, security to Indian personnel, clearance of goods from the port authorities and its transportation to the site.
- The DPR would need to evaluate the technical and financial sustainability plan of the proposed project, the developmental benefits arising from the project and the capability of the host Government to ensure smooth handling of the project post implementation.
- Environment impact, assessment and resettlement of populace (if necessary);
- Suitability of the proposed equipment and specifications thereof;
- Availability of the major project components from Indian entities, along with the names of established and reputed Indian suppliers confirming to the requirement of 75% Indian Content;
- Financial and technical feasibility of the proposed project;
- Benefits to the country of domicile and the locality of the project;
- Any other specific requirements suggested by the Borrower during tendering stage;
- Any other comments or suggestions.



**b] Description of Scope for Project Management Consultant (PMC) services**

- i) The Services of the PMC shall broadly include but not limited to the following:
- Tender Engineering, including Preparation of Technical Specifications, Tender documents;
  - Tender evaluation and recommendation of award of Engineering Procurement and Construction contract;
  - Technical assistance in finalization of BOQ;
  - Review of designs;
  - Inspection of materials at manufacturer's works before dispatch to site;
  - Supervision of civil works, and monitoring of implementation of the project;
  - Certification of work progress and invoices including confirming to the requirement of 75% Indian Content in each contract;
  - Evaluation of operations and maintenance;
  - Post-commissioning stages of a project;
  - Any other specific requirements suggested by the Borrower during tendering stage;

**b.1) Control of Studies**

The Consultant in consultation with the Employer's Representative will carry out the verification of all schedules, plans and calculation notes drawn up by the Contractor (guide, Implementation plans, etc.) including:

- I. Schedule for the submission of design plans (calculation notes, drawings) for approval;
- II. Implementation plans; (The Consultant is to ensure that all documents submitted by the Contractor for implementation are approved by the approval authorities as established by the Client in the quality and quantity required in the contract.)
- III. Civil engineering plans;
- IV. Electrical drawings and diagrams, drawings of electrical panels, control / command / protection

The Consultant will send a detailed report to the Employer at the end of the mission.

## **b.2) Control of Works**

### **Timing:**

The Consultant will liaise with the Employer's Representatives to validate the implementation schedule for the entire operation, in conjunction with the contractor and the client. The Consultant will ensure the timely implementation of this schedule.

### **Periodic progress reports:**

The Consultant will participate in quarterly site meetings organized by the project management structure; and draw up a quarterly progress report on the project, which will be submitted to the Employer in paper and digital form, with the latter's agreement.

## **b.3) Pre-shipment Inspection in the manufacturer's workshops:**

In consultation with the representatives duly appointed by the Employer, the Consultant will carry out the pre-shipment inspection of the main equipment (factory audit).

This activity, under the responsibility of the Consultant, will be carried out, on the one hand, in the workshops of the manufacturer and, on the other, in the Consultant's offices, for the preparation and drafting of the corresponding reports.

### **Control of civil works :**

The Consultant shall, for the necessary period of time, perform the following tasks:

- I. Ensure strict application and observance of the contractual requirements;
- II. Ensure proper execution of the works, installation of structures; the consistency and reliability of the site facilities; tests for the suitability and control of concrete and their composition;
- III. The methods of execution and conformity of all materials and their proper installation;
- IV. Execution tolerances and stability of structures;
- V. Inform the Project Manager regularly of the progress of the work;
- VI. Check the execution and operational manuals submitted by the Contractor;
- VII. Prepare the provisional acceptance of the works;
- VIII. Ensure application of hygiene and safety standards on site.

### **Checking the installation of the equipment**

The Consultant shall perform the following tasks for the necessary period of time:

- I. Control the conformity of the material against the packing slips;
- II. Ensure strict application of market requirements and adherence to good engineering practice;
- III. Ensure proper execution of the structures, mainly ensuring: the importance of site facilities and their reliability; assembly of circuits and equipment (assembly, welding and connections, etc.); methods and tolerances of execution;
- IV. Ensure compliance and reliability of all safety devices;
- V. Check that: all installed equipment is properly identified (wiring, circuits, equipment, etc.); all measuring and control devices are properly connected, adjusted and calibrated;
- VI. Ensure that all tests of suitability and operation of the equipment and circuits are carried out in accordance with the specifications and the standards in force;
- VII. No relaxations concerning the modification of the operating principle and the tests of the safety and control devices shall be granted without the authorization of the Employer;
- VIII. Inform the Project Manager regularly of the progress of the work;
- IX. Checking operating manuals submitted by the Contractor;
- X. Prepare the provisional acceptance of the works and certify test runs results;
- XI. Ensure implementation of basic occupational hygiene and safety standards.

### **"As Built" Plans:**

At the end of the project, the PMC will check the updating of the "as-built" plans, technical leaflets and various documents at the expense of the contractor.

### **Commissioning and Testing:**

The Consultant shall assist in:

- I. Preliminary commissioning tests;

- II. Provisional acceptance after performance verification and the lifting of reservations.

During the warranty period, the Consultant will assist and advise the Client, at the latter's request, regarding serious incidents or operating problems that may arise.

## **B] Application**

The Applicant may apply through a single Application for either or both the DPR or PMC and clearly indicate the services applied for in the Application Submission form.

## **C] Consulting Service Period**

The role of the DPR Consultant will commence with the preparation of the Detailed Project Report (DPR) which will be completed within a period of four (4) months. The PMC contract will commence with preparation of tender documents until the end of the defects liability period. The total duration of the PMC services is expected to be thirty six (36) months including project implementation phases i.e. (Preparation of Tender Documents four (4) months, and Construction Supervision twenty (20) months, and Defects Liability Period twelve (12) months)

## **D] GOI GUIDELINES**

As per the GOI guidelines, goods and services for minimum 75% value of the contracts covered under these Lines of Credit, must be sourced from India. Applicants are advised to refer to the GOI guidelines mentioned above for details available at: <http://www.eximbankindia.in/assets/pdf/loc/GOI-Guidelines-on-LOC.pdf>

## Part II. Instructions to Applicants (ITA)

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## **Part II. Instructions to Applicants**

### **A. General**

- 1. Background**
  - 1.1 The Export-Import Bank of India (hereinafter called “the Bank”), on behalf of the Government of India (GOI), extends from time to time, concessional credit facilities (hereinafter called “Lines of Credit”) under the Indian Development and Economic Assistance Scheme (IDEAS) to overseas governments or their nominated agencies (hereinafter called “Borrower or Employer”), for financing projects to be executed by Indian entities. Payment by the Bank to the Indian exporters will be made only at the request of the Borrower and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the credit (or financing) agreement.
- 2. Scope of Prequalification**
  - 2.1 With reference to the Invitation for Prequalification (IFP) indicated in Part III, Data Sheet (**DS**), this Application Document (“Application Document”) is being issued by the Bank to prospective applicants (“Applicants”) interested in submitting applications (“Applications”) for prequalification as per the scope described in Part I, Scope of Consultant Services and subject to the provisions of this Application Document.
- 3. Ethics and Integrity**
  - 3.1 The Bank requires Applicants to participate in this prequalification process with the highest standards of integrity and ethics and prohibits any corrupt, collusive and/or fraudulent practices. It is strictly forbidden to the parties involved in the pre-qualification process, by themselves or by a third party, to offer, ask or accept for itself or for a third party, financial or non-financial advantage or even direct or indirect promise, as offsets for prequalification, if susceptible of being qualified as criminal unlawful acts in accordance with national laws of any party involved.
  - 3.2 In pursuance of article 3.1 above, Applicants shall permit the Bank to inspect all accounts, records and other documents relating to the submission of the Application, bid submission (in case prequalified), and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.
  - 3.3 If, in accordance with the administrative procedures of the Bank, it is demonstrated that an Applicant in this pre-qualification process, or during the subsequent bidding for

the contract(s) has committed corrupt, fraudulent, or unethical practices, the Bank, inter alia, shall:

(a) reject any Application for pre-qualification or proposal to award a contract in connection with the subsequent procurement process, as applicable; and/or

(b) declare an Applicant involved in corrupt practices, temporarily or permanently, ineligible to be awarded future contracts under Bank funding.

#### **4. Eligibility of Applicants**

- 4.1 This prequalification exercise is open to only Indian Applicants in accordance with the provisions of ITA 4.4. Any form of association by the Applicant with ineligible entities either during this prequalification process or subsequent bidding process may be liable for rejection.
- 4.2 For the purpose of applying the eligibility criteria listed in this article 4, "Applicant" would include the single entity or in case of a joint venture ("JV"), each member of the JV, involved or intended to be involved with this prequalification process (as mentioned in Form A.1.2 Applicant's/ JV Member's Information Form), for any part of the prospective contract(s) including related services.
- 4.3 An Applicant may be a single entity or a combination of entities in the form of a JV either existing or with the intent to enter into a JV supported by a letter of intent listing out the names of all the JV members. In the case of a JV, all members shall be jointly and severally liable for the execution of the subsequent contract(s) in accordance with the respective contract terms. The JV shall be represented by an authorized representative who shall have the authority from all members of the JV so as to conduct all business for and on behalf of the JV during the prequalification process. The limit on the number of members in a JV would be as specified in the **DS**.
- 4.4 This prequalification exercise is open to only Indian Applicants. An Applicant shall be deemed to be Indian if the Applicant is constituted, incorporated or registered in, and operates in accordance with the provisions of the laws of India, as evidenced by its articles of incorporation and its registration documents, as the case may be.
- 4.5 An Applicant that has been debarred/ sanctioned by the Bank in pursuance of ITA 3.1, including debarment/ sanction by any government procuring entity/ corporation or Multilateral Development Agencies (MDA) in

accordance with extant rules and procedures, shall be ineligible to be prequalified, during such period of time as the Bank/ sanctioning authority shall have determined.

- 4.6 The list of debarred firms and individuals by certain leading MDAs is available as specified in the **DS**. This may not be an exhaustive list of debarred entities but those which are made available centrally on the respective MDA's website. Additionally, there could be lists of debarred entities issued by various government departments/ procuring entities/ corporations and maintained offline.
- 4.7 An Applicant shall be ineligible to be prequalified if it has defaulted on any loan to any Bank/ Financial Institution (FI) and its account has been classified as Non-Performing Asset (NPA) with any Bank/Flor their companies/promoters/directors appear in Export Credit Guarantee Corporation (ECGC) Specific Approval List, Reserve Bank of India (RBI) Caution List, RBI Wilful Defaulter List (Suit filed as well as non-suit filed) and Credit Information Bureau India Ltd. (CIBIL) Defaulter List, updated from time to time. On being included in any of the above lists post the prequalification process, the Applicant shall immediately inform Exim Bank on the inclusion and reasons for inclusion thereof.
- 4.8 An Applicant shall furnish such evidence of eligibility satisfactory to the Bank, as the Bank shall reasonably request.

## **B. Composition of the Application Document**

### **5. Contents of this Document**

- 5.1 This Application Document consists of the Parts indicated below, and which should be read in conjunction with any Corrigendum issued in accordance with ITA 7.
- Part I. Scope of Consultant Services
  - Part II. Instructions to Applicants (ITA)
  - Part III. Data Sheet (DS) to ITA
  - Part IV. Prequalification Criteria and Requirements
  - Part V. Forms
  - Part VI. Questionnaire for Applicants
- 5.2 Unless obtained directly from the Bank, the Bank shall not be responsible for the completeness of the document, responses to requests for clarification, or Addenda to the Application Document in accordance with ITA 7. In case of



any discrepancies, documents issued directly by the Bank shall prevail.

- 5.3 An Applicant is expected to study all instructions, and forms in the Application Document and to furnish with its Application all information or documentation as is required by the Application Document.

**6. Clarifications**

- 6.1 A prospective Applicant requiring any clarification of the Application Document shall contact the Bank in writing at the Bank's address indicated in the **DS**. The Bank will respond in writing to any request for clarification provided that such request is received no later than fourteen (14) days prior to the deadline for submission of the applications. The Bank's response, at its discretion, may be put up on its website, and shall include a description of the inquiry (without identifying its source) and corresponding clarification. As a result of a clarification the Bank may, if necessary, amend the Application Document in accordance with the provisions of ITA 7.

- 6.2 Any modification to the Application Document that may become necessary as a result of the clarifications to the queries shall be made by the Bank exclusively through the use of a Corrigendum pursuant to ITA 7.

**7. Corrigendum of Application Document**

- 7.1 At any time prior to the deadline for submission of Applications, the Bank may amend the Application Document by issuing a Corrigendum.

- 7.2 Any Corrigendum or Addenda issued shall be deemed to be part of the Application Document and shall be published on the Bank's website.

- 7.3 Post Corrigendum, in order to allow sufficient time to the prospective Applicants in preparing their Applications, or for other good reason, the Bank may, at its discretion, extend the deadline for the submission of Applications in accordance with ITA 16.2.

**C. Preparation, Submission and Opening of Applications**

**8. Cost towards Application**

- 8.1 The Applicant shall bear all costs associated with the preparation and submission of its Application. The Bank will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the prequalification process.

- |   |  |
|---|--|
| 9. Language   | 9.1 The Application documentation and printed literature that are part of the Application, if in another language, shall be accompanied by an accurate translation of the relevant passages in English language, which shall be the governing language.  |
| 10. Documents constituting the Application              | 10.1 The Application shall comprise the following: <ul style="list-style-type: none"> <li>(a) Application Submission Form, in accordance with ITA 11.1;</li> <li>(b) documentary evidence establishing the Applicant's eligibility, in accordance with ITA 12.1;</li> <li>(c) documentary evidence establishing the Applicant's qualifications, in accordance with ITA 13; and</li> <li>(d) any other document required as specified in the <b>DS</b>.</li> </ul>  |
| 11. Application Submission Form                         | 11.1 The Applicant shall complete an Application Submission Form as provided in Part V (Forms). This Form must be completed without any alteration to its format.  |
| 12. Documents Evidencing the Applicant's Eligibility    | 12.1 To establish its eligibility in accordance with ITA 4, the Applicant shall complete the eligibility declarations in the Application Submission Form and Forms A.1.1 and A.1.2, included in Part V (Forms).  |
| 13. Documents Evidencing the Applicant's Qualifications | <p>13.1 To establish its qualifications in accordance with Part IV, Prequalification Criteria and Requirements, the Applicant shall provide the information requested in the corresponding Forms included in Part V without any alteration to the format. Applicant shall also complete the Questionnaire included in Part VI without any alteration to the questions. Each Form included in Part V and the Questionnaire in Part VI shall be duly signed by the authorized representative of the Applicant. In case of JV, authorized representative of the respective member shall sign. Non compliance to this requirement may result in summary rejection of the Application.</p> <p>13.2 Wherever a monetary amount is to be stated, Applicants should indicate the USD equivalent using the rate of exchange determined as follows:</p> <ul style="list-style-type: none"> <li>i) for contracts signed in the current financial year, the exchange rate prevalent as on the date of Invitation for Prequalification (IFP) shall be used to arrive at the USD equivalent;</li> <li>ii) for contracts signed prior to the current financial year, the exchange rate as on 31st March of the respective financial year in which the contract was signed shall be</li> </ul> |

used to arrive at the USD equivalent as specified in the **DS**.

iii) Exchange rates shall be taken from the publicly available source identified in the **DS**. Any error in determining the exchange rates in the Application may be corrected by the Bank during evaluation.

iv) For data related to financial statements, the amounts shall be mentioned in Indian Rupees (INR). Equivalent amount in USD shall be arrived at using the exchange rate as on 31<sup>st</sup> March of respective financial year as specified in the **DS**.

**14. Authorized Signatory and Number of Copies**

14.1 The Applicant shall prepare one original of the documents comprising the Application as described in ITA 10 and clearly mark it "ORIGINAL". The original of the Application shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Applicant. In case the Applicant is a JV, the Application shall be signed by all members of the JV.

**15. Preparing the Application Envelope**

15.1 The Applicant shall enclose the original Application in a sealed envelope that shall:

- (a) be addressed to the Bank, as per ITA 16.1;
- (b) mention the name and address of the Applicant; and
- (c) mention the specific identification of this prequalification process indicated in the **DS** ITA 2.1.

15.2 The Bank will accept no responsibility for not processing any envelope that was not prepared as required in ITA 15.1 above.

**16. Application Submission Deadline**

16.1 Applicants may either submit their Applications by mail or by hand. Applications submitted electronically shall not be admissible. Applications shall be received by the Bank at the address and no later than the deadline indicated in the **DS**.

16.2 The Bank may, at its discretion, extend the deadline for the submission of Applications by amending the Application Document in accordance with ITA 7.

**17. Late Applications**

17.1 Applications received after the deadline for submission of applications shall not be admissible, and if received, shall be returned unopened to the Applicant.

**18. Opening of Applications**

18.1 The Bank shall open all Applications at the date, time and place specified in the **DS**. Applicants' representatives may be present during opening.

#### **D. Procedures for Evaluation of Applications**

- |  |  |
|--|--|
| <b>19. Evaluation to be Confidential</b>                   | <p>19.1 Information relating to the Applications, their evaluation and result shall be confidential and will not be disclosed to Applicants or any other person(s) not officially concerned with the prequalification process until the official notification of prequalification results is made in accordance with ITA 25.</p> <p>19.2 From the deadline for submission of Applications to the time of notification of the results of the prequalification in accordance with ITA 25, any Applicant who wishes to contact the Bank on any matter related to the prequalification process (except as specified in 20.1 below), may do so only in writing. Canvassing in any form will be grounds for disqualification.</p>                                  |
| <b>20. Clarifications during Evaluation</b>                | <p>20.1 During the evaluation of Applications, in case of ambiguity, the Bank may, at its discretion, ask an Applicant for a clarification of its Application, to be submitted within a stated reasonable period of time. Any request for clarification from the Bank and all clarifications from the Applicant shall be in writing. Any clarification submitted by an Applicant that is not in response to a request by the Bank may not be considered.</p> <p>20.2 If an Applicant does not provide (within the time allowed) clarifications and/or documents requested as per the Bank's request for clarification, its Application shall be evaluated based on the information and documents available at the time of evaluation of the Application.</p> |
| <b>21. Determination of Responsiveness of Applications</b> | <p>21.1 The Bank may reject any Application which is not responsive to the requirements of the Application Document and may not subsequently be made responsive by correction of the causes of non-responsiveness or by substitution or resubmission of the Application or part thereof.</p>   |

#### **E. Evaluation of Applications and Prequalification of Applicants**

- |                                       |  |
|---------------------------------------|--|
| <b>22. Evaluation of Applications</b> | <p>22.1 The Bank shall use the criteria and requirements defined in Part IV, Prequalification Criteria and Requirements, to evaluate the qualifications of the Applicants, and no other methods, criteria, or requirements shall be used. The Bank reserves the right to waive minor deviations from the</p> |
|---------------------------------------|--|

prequalification criteria if they do not materially affect the technical capability and financial resources of an Applicant to perform the contract.

22.2 The qualification and experience of sub-consultant(s), if any, proposed by the Applicant will not be considered for evaluation of the Application.

22.3 Only the qualifications of the Applicant, in the capacity as prime consultant / member of JV to the main client, shall be considered. In particular, the qualifications of a parent or other affiliated company shall not be considered.

22.4 The qualification and experience of the Applicant for execution of contracts in-house or for a parent/ promoter/ group concerns or for Special Purpose Vehicles (SPVs), set up by the Applicant or its group companies, shall not be considered.

**23. Bank's Right to Accept or Reject Applications**

23.1 The Bank reserves the right to accept or reject any Application, and to annul the prequalification process and reject all Applications at any time, without thereby incurring any liability to the Applicants.

**24. Prequalification of Applicants**

24.1 All Applicants whose Applications substantially meet or exceed the specified qualification requirements will be prequalified by the Bank.

**25. Notification of Prequalification**

25.1 The Bank shall notify the result of the prequalification process through a letter to the prequalified Applicants and to the applicants not meeting the prequalification criteria.

25.2 Applicants that have not been prequalified may write to the Bank no later than 7 calendar days after the date of intimation by the Bank, of the result of prequalification, to request clarifications regarding the grounds on which they were not prequalified.

**26. Subsequent Invitation for Bids**

26.1 The Bank shall forward the list of prequalified firms to the Borrower for subsequent invitation of proposals.

Part III. Data Sheet (DS) to ITA	
A. General	
ITA 2.1	<p>The identification of the Invitation for Prequalification (IFP) is:  <b>GOILOC-266/Tanzania/CS-11</b>  The Bank is:  Export-Import Bank of India  Ground Floor, Statesman House,  148 Barakhamba Road  New Delhi 110 001  Ph: 011-23474852  Email: <a href="mailto:eximloc@eximbankindia.in">eximloc@eximbankindia.in</a>  Website: <a href="http://www.eximbankindia.in">www.eximbankindia.in</a></p>
ITA 4.3	<p><b>The lead partner of the JV shall be the one with the highest share in the JV which shall not be less than 26%.</b> The maximum number of other members in the JV shall be such that each of the other members should have at least <b>20%</b> share. The JV can be either an incorporated JV company or an unincorporated consortium/ association (JVCA) based on a memorandum of understanding. In case of unincorporated JVCA, the share shall be determined based on the share in the proceeds of the contract (in terms of percentage) being bid for. In other words, if prequalified and invited to bid, the share of JV members in the contract in terms of value shall be in the proportion as stated above.</p> <p>The Letter of Intent to enter into a JV or JV agreement should contain, inter alia, the following:</p> <ul style="list-style-type: none"> <li>- Names of the Lead Partner and each of the other members</li> <li>- Percentage share of each JV member</li> <li>- Confirmation of Joint and Several Liability of all members of the JV</li> </ul> <p>The JV is permissible at PQ Stage only. The JV which is prequalified will be sustained for the entire bidding process. JV among prequalified Consultants and non-prequalified Consultants or any other entity is not allowed subsequent to prequalification stage. No change in the ownership of JV and also percentage of share in JV is allowed subsequent to prequalification.</p>
ITA 4.6	<p>A list of debarred firms and individuals by:  the World Bank is available on the website:  <a href="http://www.worldbank.org/debarr">http://www.worldbank.org/debarr</a></p> <p>The Asian Development Bank is available on the website:  <a href="http://lnadbg4.adb.org/oga0009p.nsf/sancALLPublic?OpenView&amp;count=999">http://lnadbg4.adb.org/oga0009p.nsf/sancALLPublic?OpenView&amp;count=999</a></p> <p>the African Development Bank is available on the website:  <a href="http://www.afdb.org/en/projects-and-operations/procurement/debarment-and-sanctions-procedures/">http://www.afdb.org/en/projects-and-operations/procurement/debarment-and-sanctions-procedures/</a></p>

	<p>the European Bank for Reconstruction and Development is available on the website:  <a href="http://www.ebrd.com/pages/about/integrity/list.shtml">http://www.ebrd.com/pages/about/integrity/list.shtml</a></p> <p>the Inter-American Development Bank is available on the website:  <a href="http://www.iadb.org/en/topics/transparency/integrity-at-the-idb-group/sanctioned-firms-and-individuals,1293.html">http://www.iadb.org/en/topics/transparency/integrity-at-the-idb-group/sanctioned-firms-and-individuals,1293.html</a></p>
<b>B. Contents of the Application Document</b>	
<b>ITA 6.1</b>	<p>For <b>clarification purposes</b>, the Bank's address is:  Mrs. Amita Dang  Assistant General Manager  Lines of Credit Group  Export-Import Bank of India  Ground Floor, Statesman House,  148 Barakhamba Road  New Delhi 110 001  Phone: 011-23474855  Email: <a href="mailto:eximloc@eximbankindia.in">eximloc@eximbankindia.in</a>  Website: <a href="http://www.eximbankindia.in">www.eximbankindia.in</a></p>
<b>C. Preparation, Submission &amp; Opening of Applications</b>	
<b>ITA 10.1 (d)</b>	<p>Submission of Application is required in dual mode i.e. on-line as well as off-line as mentioned in ITA 16.1 below.</p> <p>The off-line prequalification Application shall be submitted in spiral or hard bound form only and not as loose sheets in plastic folders. All the pages shall be machine numbered and a table of contents shall be included in the beginning of each volume of documents referring the page numbers of the indexed items.</p> <p>Additionally, one (1) copy in digital – in pen drive shall also be submitted along with the off-line Application.</p>

ITA 13.2	<p>The source for determining exchange rates is: For conversion of foreign currency / Indian rupees (INR) to US Dollar, the Applicants shall use the Reference Rates of Foreign Currency published by Reserve Bank of India (<a href="http://www.rbi.org.in">www.rbi.org.in</a>)</p> <p>In case a particular currency rate is not published by Reserve Bank of India, then the selling rate of such currency shall be taken from the following website: <a href="http://www.oanda.com">http://www.oanda.com</a></p> <p>Applicants shall use the following rates for conversion between USD and INR:</p> <table><tr><td></td><td>USD 1 = INR</td><td>1 INR = USD</td></tr><tr><td>31-Mar-12</td><td>51.1565</td><td>0.0195</td></tr><tr><td>31-Mar-13</td><td>54.3893</td><td>0.0184</td></tr><tr><td>31-Mar-14</td><td>60.0998</td><td>0.0166</td></tr><tr><td>31-Mar-15</td><td>62.5908</td><td>0.0160</td></tr><tr><td>31-Mar-16</td><td>66.3329</td><td>0.0151</td></tr><tr><td>31-Mar-17</td><td>64.8386</td><td>0.0154</td></tr><tr><td>31-Mar-18</td><td>65.0441</td><td>0.0154</td></tr></table>		USD 1 = INR	1 INR = USD	31-Mar-12	51.1565	0.0195	31-Mar-13	54.3893	0.0184	31-Mar-14	60.0998	0.0166	31-Mar-15	62.5908	0.0160	31-Mar-16	66.3329	0.0151	31-Mar-17	64.8386	0.0154	31-Mar-18	65.0441	0.0154
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31-Mar-17	64.8386	0.0154																							
31-Mar-18	65.0441	0.0154																							
ITA 16.1	<p>Submission of Application is required in dual mode i.e. on-line as well as off-line as mentioned as follows :</p> <p><b><u>On-line mode of Application</u></b></p> <p>The applicant shall submit the application through Exim Bank's portal <a href="https://locprocure.eximbankindia.in">https://locprocure.eximbankindia.in</a></p> <p>For details for submitting Online Application, please refer the above portal.</p> <p><b><u>Minimum Requirements:</u></b></p> <ol style="list-style-type: none"><li>1. Computer/Laptop with Internet connection.</li><li>2. Operating System: Windows Version: Windows 7/8/10 – 32 or 64 Bit.</li><li>3. Java Version: 1.8 or above</li><li>4. Mozilla version should be 45.0 and above(x86 only i.e OS of 32 Bit Version)</li><li>5. Digital Certificate: Class III, Signing + Encryption and it should be organizational certificate.</li></ol> <p><u>For any Online technical clarification, kindly contact:</u></p>																								



	<p>Bob EProcure Pvt Ltd.</p> <p>3 / 4, 3<sup>rd</sup> Floor, Maruthi Towers, Madivala, SBM, Bangalore Karnataka – 560069 Contact Person: Ms. Alka Pillai Mob: +91-9148982205 +91-9148998467 Email: pqsupport@bobeprocure.net</p> <p><b>ii) <u>Off-line mode of Application</u></b></p> <p>The applicant shall forward a hard copy of its application along with a covering letter clearly indicating the name of the project and the Prequalification Reference No.</p> <p>The Applicant shall submit with its application, the following additional documents as attachment to the Application Submission Form:</p> <p>The Applicant shall submit a copy (self-attested on all pages) of Power of Attorney in favour of the person who has been authorized, through an appropriate Company Board Resolution or equivalent document, to sign on behalf of the Applicant. Copy (self-attested) of such relevant company Board Resolution or equivalent document should also be attached.</p> <p>In case the Applicant is a JV, the Applicant shall submit a copy (self-attested on all pages) of Powers of Attorney for each member of the JV along with a copy (self-attested) of relevant Board Resolutions or equivalent documents.</p> <p><b><u>Note: It is mandatory for Applicants to submit the Application in both On-line and Off-line modes. Any Application not submitted in accordance with the requirements mentioned in this clause will be liable for rejection. In the event of any discrepancy in Application submitted On-line and Off-line, the information submitted in the hard copy (Off-line submission) will prevail.</u></b></p> <p>The deadline for Application submission is:</p> <p><b>Date: September 17, 2018</b></p> <p><b>Time: 15:00 hrs</b></p> <p>For off-line Application submission purposes only, the Bank's address is:</p>
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	<p>Bank's address is the same as that indicated in 2.1</p> <p><i>Attention: Mrs. Amita Dang, Assistant General Manager</i></p>
<b>ITA 18.1</b>	<p>The opening of the Applications shall be at the Bank's address as that indicated in 2.1</p> <p><b>Date: September 17, 2018</b></p> <p><b>Time: 15:30 hrs</b></p>

## **Part IV. Prequalification Criteria and Requirements**

This Part contains all the criteria, requirements and procedures that the Bank shall use to evaluate Applications. The information to be provided in relation to each requirement and the definitions of the corresponding terms can be referred to in the respective Forms.

### **Contents**

<b>A.</b>	<b>General</b>	<b>52</b>
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<b>C.</b>	<b>Financial Status and Capacity</b>	<b>54</b>
<b>D.</b>	<b>Experience</b>	<b>56</b>
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## A. General

<b>A.1 Nationality</b>	
Requirement	<ul style="list-style-type: none"> <li>• The Applicant's Nationality shall be in accordance with ITA 4.4</li> <li>• Documentation and Attachments to be submitted as mentioned below</li> </ul>
Documentation to be submitted	Form A.1.1 and A.1.2
Attachments to be submitted	<ul style="list-style-type: none"> <li>➤ Articles &amp; Memorandum of Association, Certificate of Incorporation/ Partnership Deed of the Applicant (and each of the JV members) in accordance with ITA 4.4</li> <li>➤ In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.3 and documents as above for each member of the JV</li> </ul>

<b>A.2. Eligibility</b>	
Requirement:	<ul style="list-style-type: none"> <li>• The Applicant shall not be under declaration as ineligible, as described in ITA 4.5 and ITA 4.7</li> <li>• Documentation and Attachments to be submitted as mentioned below</li> </ul>
Documentation to be submitted:	Application Submission Form
Attachments	<ul style="list-style-type: none"> <li>➤ The Applicant shall submit a copy (self-attested on all pages) of Power of Attorney in favour of the person who has been authorized, through an appropriate Company Board Resolution or equivalent document, to sign on behalf of the Applicant. A copy (self-attested) of such relevant company Board Resolution or equivalent document should also be attached.</li> <li>➤ In case the Applicant is a JV, the Applicant shall submit a copy (self-attested on all pages) of Power of Attorneys for each member of the JV along with copy (self-attested) of relevant Board Resolutions or equivalent documents.</li> <li>➤ For an Applicant as a single entity or in case of JV, for each member: <ul style="list-style-type: none"> <li>○ Permanent Account Number (PAN): Self attested copy</li> <li>○ GST Registration details, as applicable: Self attested copy</li> </ul> </li> </ul>

**B. Past Contract Performance and Litigation**

B.1 Past Contract Non-performance	
Requirement:	<ul style="list-style-type: none"> <li>• There shall be no instance of contract<sup>1</sup> non-performance as a result of Applicant's default since <b>March 01, 2013</b> (In case of JV, each member shall meet the requirement)</li> <li>• Documentation and Attachments to be submitted as mentioned below</li> </ul>
Documentation to be submitted:	Form B.1.1
Attachments to be submitted:	Documents establishing details included in Form B.1.1

B.2 Pending Contract Litigation	
Requirement:	<ul style="list-style-type: none"> <li>• Applicant shall have a positive* adjusted net worth determined as per the financial statements for the financial year (FY 2016-17) and the contractual litigation value as considered below net of provision made in the audited financial statements for FY 2016-17:</li> <li>• Litigation value shall be deemed to be 25% of the aggregate value pending litigation across all contracts and net of provisions, this value will be deducted from the net worth to arrive at the adjusted net worth.</li> </ul> <p>➤ Documentation and Attachments to be submitted as mentioned below.</p> <p>➤ In case of JV, each member shall meet the requirement.</p> <p><i>*Note: Networth – [ 25% of Litigation Value – provisions already made] = positive</i></p>
Documentation to be submitted:	Form B.2.1
Attachments to be submitted:	Documents establishing details included in Form B.2.1

B.3 Contract Litigation History	
Requirement:	<ul style="list-style-type: none"> <li>• The aggregate amount of awards against the Applicant<sup>2</sup>, if any since <b>March 01, 2013</b>, shall not exceed 25% of net worth as per the latest</li> </ul>

<sup>1</sup>Contract non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the applicant (each member in case of JV) have been exhausted.

<sup>2</sup> The Applicant (each member in case of JV) shall provide accurate information on the related Application Form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Applicant (or any member in case of JV) may result in failure of the application.

	financial statements. (In case of JV, each member shall meet the requirement.) • Documentation and Attachments to be submitted as mentioned below
Documentation to be submitted:	Form B.3.1
Attachments to be submitted:	Documents establishing details included in Form B.3.1

### C. Financial Status and Capacity

C.1 Financial Status							
Requirement:	<p>(i) The audited balance sheets and profit &amp; loss account/ annual report for the last 5 financial years (FY 2012-13 to FY 2016-17) shall be submitted and must demonstrate the current soundness of the Applicant's financial position and indicate its prospective long-term profitability in terms of:</p> <ul style="list-style-type: none"><li>a) Positive net worth for each of the last five (5) financial years defined above;</li><li>b) Positive profit (i.e. Profit Before Tax) for at least two (2) out of last five (5) financial years defined above and</li><li>c) Annual Consultancy Revenue<sup>3</sup> in any one of the last five (5) financial years defined above, be not less than:</li></ul> <div style="text-align: right;">(USD million)</div> <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td></td><td><b>DPR</b></td><td><b>PMC</b></td></tr><tr><td><b>Turnover</b></td><td>1.50</td><td>3.00</td></tr></table> <p>In case of JVCA, requirement (a) and (b) above shall be met by each member and requirement under (c), each member shall meet 25%, lead member shall meet 40% and all members together shall meet 100%.</p> <p>Applicants may submit their financial statements for FY ending 31st March 2018, if feasible. However, assessment of the application shall be carried out on the basis of five Financial Years ending 31st March 2017 unless consideration of FY18 statements becomes critical to the prequalification of the Applicant.</p> <p>In case of IVCA, for requirement (ii) above, each</p>		<b>DPR</b>	<b>PMC</b>	<b>Turnover</b>	1.50	3.00
	<b>DPR</b>	<b>PMC</b>					
<b>Turnover</b>	1.50	3.00					

<sup>3</sup>In case of Contracts in INR, the exchange rate of 31<sup>st</sup> March of the financial year in which the contract was signed will be used to arrive at the USD equivalent.

	<p>member shall meet at least 25%, lead member shall meet at least 40% and all members together shall meet 100%.</p> <p>(iii) Documentation and Attachments to be submitted as mentioned below</p>
Documentation to be submitted:	Forms C.1.1 and Form C.1.2 both certified by the Statutory Auditor of the Applicant (in case of JV, for each member of the JV).
Attachments to be submitted:	<p>The Applicant and its parties shall provide copies of audited financial statements for <b>five</b> (5) financial years (FY 2012-13 to FY 2016-17). The financial statements shall:</p> <ul style="list-style-type: none"> <li>➤ reflect the financial situation of the Applicant or in case of JV for each member, and not an affiliated entity (such as parent company or group member).</li> <li>➤ be independently audited and certified by the Statutory Auditor/ Chartered Accountant in accordance with applicable legislation.</li> <li>➤ be complete, including all notes to the financial statements.</li> <li>➤ correspond to accounting periods already completed and audited.</li> </ul>

<b>C.2 Value of ongoing contracts</b>	
Requirement	<p>Aggregate annual residual value<sup>4</sup> of all ongoing contracts shall not be more than 350% of the highest Annual Consultancy Revenue in last seven (7) years [FY 2010-11 to FY 2016-17]. In case of JV, this shall apply to each member.</p> <p>Documentation and Attachments to be submitted as mentioned below.</p>
Documentation to be submitted:	Form C.2.1(Certified by Statutory Auditor)
Attachments to be submitted:	<p>(a) Statement of Credit Facilities sanctioned, availed and unutilised limits that are in force [including Source, Purpose, Amount, Validity Period];</p> <p>(b) Contract-wise statement of non-funded facilities [such as Bank Guarantees] availed for execution of contracts [including Contract Title, Source/ Bank, Purpose, Amount, Validity Period]</p>

<sup>4</sup>Exchange rate prevalent as on the date of Invitation for Prequalification (IFP) shall apply to ascertain residual value in equivalent USD.

C.3 Ongoing assignments/contacts where the team leader is deployed	
Requirement	Details of the all the contracts where the proposed team leaders are presently deployed.
Documentation to be submitted:	Form C.3.1(Certified by the authorized person of the Applicant)
Attachments to be submitted:	Documents establishing details included in Form C.3.1

## D. Experience

D.1 General Experience	
Requirement:	<ul style="list-style-type: none"> <li>• <b>DPR:</b> Experience in preparation of DPRs in <b>India</b> during the last 7 financial years, starting <b>FY August 2011 to application submission date.</b></li> <li>• <b>PMC:</b> Experience under PMC/ Lender's Engineer/ Owner's Engineer/ Supervision Engineer Contracts in the role of prime Consultant, or a JV member, in <b>India</b> during the last 7 financial years, starting <b>FY August 2011 to application submission date.</b> (In case of JV, the requirement shall be met collectively)</li> <li>• Documentation and Attachments to be submitted as mentioned below</li> </ul>
Documentation to be submitted:	Form D.1.1 (to be prepared separately for experience in India and experience outside India)
Attachments to be submitted:	Final Acceptance Certificate / Completion Certificate / Testimonial Letters issued by the employer for each contract listed in Form D.1.1

D.2 Specific Experience	In terms of experience in preparation of DPR and as a PMC (or together under PMC if DPR preparation was also included in the scope of PMC) for similar projects		
Requirement:	(i) <b>At least the number and value of similar contracts as mentioned below, for experience in preparing of DPR/ as PMC for potable water supply schemes</b> that have been satisfactorily completed as a prime consultant, or joint venture member to the main client, between <b>March 01, 2011</b> and application submission deadline.		
		Nos of Contracts	Value <sup>5</sup> of each Contract

<sup>5</sup> In case of contracts in INR, the exchange rate of 31<sup>st</sup> March of the FY in which the contract was signed, shall



		(USD million)	
		DPR	PMC
	Option I	3	0.60
	OR		
	Option II	2	0.75
	OR		
	Option III	1	1.20
			4.80
		<p>In case of JVCA, requirement shall be met by the JVCA on a combined basis i.e. contract values of each member shall not be aggregated but number of contract(s) by individual members meeting the value and technical aspects can be aggregated to meet the requirement on number of contracts.</p> <p>(ii) In addition, JVCA as a whole should collectively demonstrate experience of DPR preparation and PMC for similar projects (as mentioned above) in a single or multiple contracts (if DPR preparation was also included in the scope of PMC).</p> <p>(iii) Also, in the event where any applicant has demonstrated experience of DPR preparation and PMC for similar projects in the past as a JV member, the applicant shall provide detailed scope of work executed by the firm under the contract.</p> <p>(iv) Documentation and Attachments to be submitted as mentioned below</p>	
Documentation to be submitted:		Form D.2.1	
Attachments to be submitted:		<ul style="list-style-type: none"> <li>Final Acceptance/ Completion Certificate/ Testimonial letter issued by the employer for each contract listed in Form D.2.1 pursuant to Requirements (i) and (ii) mentioned above.</li> <li>Excerpts from Contract Agreement specifying the scope of work to be executed for DPR preparation and PMC under JV under point (iii) above.</li> </ul>	

**E. Quality Assurance (Total marks: 100. Minimum Passing Marks: 75)**

E.1 Quality Management System	Total Marks: 20
Requirement:	<ul style="list-style-type: none"> <li>Information on ISO Accreditation / Certified Quality Management System shall be</li> </ul>

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be used to arrive at the USD equivalent

	<p>considered(in case of JV, at least for lead consultant) in determining suitability to be prequalified in the following manner:</p> <ul style="list-style-type: none"> <li>• 10 marks per certification (max 20 marks)</li> <li>• Documentation and Attachments to be submitted as mentioned below</li> </ul>
Documentation to be submitted:	Form E.1.1
Attachments to be submitted:	Self-attested copy of ISO Accreditation / Quality Management System Certificate valid as on the deadline for submission of application.

E.2 Skilled Human Resources	Total Marks: 80																			
Requirement:	<ul style="list-style-type: none"><li>Applicant must demonstrate that it can deploy personnel for the following tentative key positions, meeting the qualification and experience mentioned therein:</li></ul> <p><b><u>DPR manpower requirement:</u></b> (Should have been born on or after year 1955 (applicable for all positions))</p> <table><tr><th>Sr No</th><th>Proposed Position</th><th>Number of Positions</th><th>Minimum Desirable Qualification / Experience</th><th>Minimum Relevant Experience (in years)</th></tr><tr><td>1</td><td>Team Leader</td><td>1x 5</td><td>Master degree in Civil engineering or Water Resources/Sanitation Engineering</td><td>15 out of which 10 shall have been as a Project Manager or Team leader or any managerial level on similar assignments  Proposed Team Leader should not have more than three [3] assignments on hand.</td></tr><tr><td>2</td><td>Assistant Team</td><td>1 x 5</td><td>Civil engineering or Water</td><td>10 out of which 5 shall have</td></tr></table>					Sr No	Proposed Position	Number of Positions	Minimum Desirable Qualification / Experience	Minimum Relevant Experience (in years)	1	Team Leader	1x 5	Master degree in Civil engineering or Water Resources/Sanitation Engineering	15 out of which 10 shall have been as a Project Manager or Team leader or any managerial level on similar assignments  Proposed Team Leader should not have more than three [3] assignments on hand.	2	Assistant Team	1 x 5	Civil engineering or Water	10 out of which 5 shall have
Sr No	Proposed Position	Number of Positions	Minimum Desirable Qualification / Experience	Minimum Relevant Experience (in years)																
1	Team Leader	1x 5	Master degree in Civil engineering or Water Resources/Sanitation Engineering	15 out of which 10 shall have been as a Project Manager or Team leader or any managerial level on similar assignments  Proposed Team Leader should not have more than three [3] assignments on hand.																
2	Assistant Team	1 x 5	Civil engineering or Water	10 out of which 5 shall have																

Part IV. Prequalification Criteria and Requirements

		<b>Leader</b>		Resources/Sanitation Engineering	been as a Project Manager or Team leader or any managerial level on similar assignments
	3	<b>Water Engineers</b>	4 x 5	Civil/Water Engineering	10 out of which five (5) years must be on related assignments
	4	<b>Hydrogeologist</b>	1 x 5	Professional Geologist	10
	5	<b>Hydrologist</b>	1 x 5	Bachelor of Science Degree in Hydrology or equivalent qualification	10 out of which five (5) years must be on related assignments
	6	<b>Economist/Financial Analyst</b>	1 x 5	Degree holder in the relevant field	10
	7	<b>Electromechanical Engineer</b>	1 x 5	B.Sc. in mechanical/electrical or electromechanical engineering	10 out of which five (5) years must be on related assignments
	8	<b>Environmental Specialist</b>	1 x 5	Degree holder in the relevant field	10 out of which five (5) years must be on water related assignments
	9	<b>Land Surveyor</b>	4 x 5	Advanced Diploma in Land Surveying or Equivalent qualification	10 out of which five (5) years must be on related assignments
	10 marks per staff per position (max 80 marks);				

<b>PMC manpower requirement:</b> (Should have been born on or after year 1955 (applicable for all positions))				
Sr No	Proposed Position	Number of Positions	Minimum Desirable Qualification / Experience	Minimum Relevant Experience (in years)
1	Team Leader	1 x 5	Master degree in Civil engineering or Water Resources/Sanitation Engineering	15 out of which 10 shall have been as a Project Manager or Team leader or any managerial level on similar assignments  Proposed Team Leader should not have more than three [3] assignments on hand.
2	Resident Engineer (construction)	4 x 5	Civil/Water Engineering	10 out of which five (5) years must be on related assignments
3	Land Surveyor	4 x 5	Advanced Diploma in Land Surveying or Equivalent qualification	10 out of which five (5) years must be on related assignments
<ul style="list-style-type: none"> <li>Information on Skilled Human Resources on the rolls of the Applicant shall be considered in determining suitability to be prequalified in the following manner:               <ul style="list-style-type: none"> <li>30 marks per staff per position (max 80 marks);</li> </ul> </li> <li>Representative CVs of experts should be provided. CVs should incorporate, <i>inter alia</i>, qualifications, experience in the sector and should also list professional memberships/</li> </ul>				

Part IV. Prequalification Criteria and Requirements

	<p>accreditations and knowledge of foreign languages, countries of work experience;</p> <ul style="list-style-type: none"> <li>• Other than the Key Personnel mentioned, information shall be provided on expert(s), such as Management Specialist, Quantity Surveyor, Architects, Technicians, Sociologist, etc. who might have to be engaged by the Consultant as may be required for carrying out the activities and discharging its duties successfully.</li> <li>• The CVs should be signed in original, either by the respective personnel or by the authorized signatory of the Applicant/ JV..</li> </ul> <p>In case of JV, the requirement shall be met on a combined basis.</p>
Documentation to be submitted:	Form E.2.1
Attachments to be submitted:	Documents/ Tables/ Charts demonstrating availability of Skilled Human Resources, number of staff, areas of expertise, years of experience, countries of work experience.

## Part V. Forms

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### Application Submission Form

Date: *[insert day, month, and year]*  
IFP No. and title: *[insert IFP number and title]*

To: *[insert full name of Bank]*

We, the undersigned, apply to be prequalified for the referenced IFP for DPR/ PMC or both and declare that:

- (a) We have examined and have no reservations to the Application Document, including Corrigendum No(s).\_\_\_\_\_, issued in accordance with Instructions to Applicants (ITA) 7: *[insert the number and issuing date of each corrigendum or "nil" if no corrigendum is issued]*.
- (b) We meet the eligibility requirements as stated in ITA 4.1, we have not been currently debarred/ sanctioned in accordance with ITA 4.5;
- (c) We confirm that we have not defaulted in any loan to any Bank/FI and our account has not been classified as Non-Performing Asset (NPA) with any Bank/FI. We further confirm that none of our companies/promoters/directors appear in ECGC Specific Approval List, RBI Caution List, RBI Wilful Defaulter List (Suit filed as well as non-suit filed) and CIBIL Defaulter List, updated from time to time. On being included in any of the above lists, we shall immediately inform Exim Bank on the inclusion and reason for inclusion thereof, in accordance with ITA 4.7;
- (d) We understand that you may cancel the prequalification process at any time and that you are neither bound to accept any Application that you may receive nor to invite the prequalified Applicants to bid for subsequent contract(s) subject to this prequalification process, without incurring any liability to the Applicants, in accordance with ITA 23.1.
- (e) All information, statements and description contained in the Application are in all respect true, correct and complete to the best of our knowledge and belief. We understand that misrepresentation of facts in our Application and contravention to ITA 3, inter alia, may lead to rejection of our Application/ cancellation of prequalification.

Signed *[insert signature(s) of an authorized representative(s) of the Applicant]*

Name *[insert full name of person(s) signing the Application]*

In the capacity of *[insert capacity of person(s) signing the Application]*

Address *[insert street number/town or city/country address]*

Dated on *[insert day number]* day of *[insert month]*, *[insert year]*

[For a joint venture, all members shall sign. Failure to comply with this requirement may result in rejection of Application]

**Form A.1.1**  
**Applicant Information Form**

(to be filled by Applicant if being a Single Entity or as Lead member of JV)

Date: *[insert day, month, year]*  
IFP No. and title: *[insert IFP number and title]*  
Page *[insert page number]* of *[insert total number]* pages

Applicant's name <i>[insert full name]</i>
In case of Joint Venture (JV), name of each member: <i>[insert full name of each member in JV]</i>
Applicant's country* of registration: <i>[indicate country of Constitution]</i>
Applicant's actual year of incorporation: <i>[indicate year of Constitution]</i>
Applicant's legal address [registered in India]: <i>[insert street/ number/ town or city/ country]</i>
Applicant's authorized representative information Name: <i>[insert full name]</i> Address: <i>[insert street/ number/ town or city/ country]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i> E-mail address: <i>[indicate e-mail address]</i>
1. Attached are copies of original documents of <input type="checkbox"/> Articles& Memorandum of Association, Certificate of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITA 4.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITA 4.3. 2. Included are the organizational chart, a list of Board of Directors with their complete designation in case of nominee directors, and the beneficial ownership with respective shareholding and nationality of shareholders.

\* Note: Applicant's attention is drawn to ITA 4.1 pursuant to which this prequalification process is open to only Indian firms.



## Form A.1.2

### Applicant's/ JV Member's Information Form

*[The following form is in addition to Form A.1.1 (in case the Applicant is a JV)], and shall be completed separately to provide information relating to each JV member*

Date: *[insert day, month, year]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<p>Applicant name:</p> <p><i>[insert full name of the JV]</i></p>
<p>Applicant's JV Member's name:</p> <p><i>[insert full name of Applicant's JV Member]</i></p>
<p>Applicant's JV Member's country* of registration:</p> <p><i>[indicate country of registration]</i></p>
<p>Applicant JV Member's date of constitution:</p> <p><i>[indicate date of constitution in dd/mmm/yyyy]</i></p>
<p>Applicant JV Member's legal address registered in India:</p> <p><i>[insert street/ number/ town or city/ country]</i></p>
<p>Applicant JV Member's authorized representative information</p> <p>Name: <i>[insert full name]</i></p> <p>Address: <i>[insert street/ number/ town or city/ country]</i></p> <p>Telephone/Fax numbers: <i>[insert telephone/fax numbers, including country and city codes]</i></p> <p>E-mail address: <i>[indicate e-mail address]</i></p>
<p>1. Attached are copies of original documents of Articles&amp; Memorandum of Association, Certificate of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITA 4.4.</p> <p>2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.</p>

\* Note: Applicant's attention is drawn to ITA 4.1 pursuant to which this prequalification process is open to only Indian firms

**Form B.1.1/ B.2.1/ B.3.1****Past Contract Non-Performance, Pending Litigation and Litigation History**

*[Each of the following tables shall be filled in for the Applicant and for each member of a Joint Venture]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

<b>Form B.1.1</b>			
Non-Performed Contracts in accordance with Part IV, Prequalification Criteria and Requirements			
<input type="checkbox"/> Contract non-performance did not occur since date as specified in Part IV, Prequalification Criteria and Requirements, Sub-Factor B.1.			
<input type="checkbox"/> Contract(s) not performed since date as specified in Part IV, Prequalification Criteria and Requirements, requirement B.1			
Year	Non-performed portion of contract	Contract Identification	Total Contract Amount (current value, currency, exchange rate and US\$ equivalent)
<i>[insert financial year]</i>	<i>[insert amount and percentage]</i>	Contract Identification: <i>[indicate complete contract name/number, date, value and any other identification]</i>  Name of Employer: <i>[insert full name]</i> Address of Employer: <i>[insert street/city/country]</i>  Reason(s) for non-performance: <i>[indicate main reason(s)]</i>	<i>[insert amount in USD equivalent and specify exchange rate and date]</i>

<b>Form B.2.1</b>				
Pending Litigation, in accordance with Part IV, Prequalification Criteria and Requirements				
<input type="checkbox"/> No pending litigation in accordance with Part IV, Prequalification Criteria and Requirements, Sub-Factor B.2				
<input type="checkbox"/> Pending litigation in accordance with Part IV, Prequalification Criteria and Requirements, Sub-Factor B.2 as indicated below.				
Year of dispute	Amount in dispute (currency)	Contract Identification	Total Contract Amount (currency), USD	Amount of specific provision already made, if any

			<b>Equivalent (exchange rate)</b>	
<i>[insert year]</i>	<i>[insert amount]</i>	<p>Contract Identification: [indicate complete contract name, number, date, value and any other identification]</p> <p>Name of Employer: <i>[insert full name]</i></p> <p>Address of Employer: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate "Employer" or "Consultant"]</i></p> <p>Status of dispute: <i>[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]</i></p>	<i>[insert amount in equivalent USD, exchange rate and its date]</i>	<i>[insert amount in USD equivalent and specify exchange rate]</i>

<b>Form B.3.1</b>			
Litigation History, in accordance with Part IV, Prequalification Criteria and Requirements			
<input type="checkbox"/> No litigation in accordance with Part IV, Prequalification Criteria and Requirements, Sub-Factor B.3. <input type="checkbox"/> Litigation Awards in accordance with Part IV, Prequalification Criteria and Requirements, Sub-Factor B.3 as indicated below.			
<b>Year of award</b>	<b>Outcome as percentage of Net Worth</b>	<b>Contract Identification</b>	<b>Total Contract Amount (currency), USD Equivalent (exchange rate)</b>

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<p><i>[insert financial year]</i></p>	<p><i>[insert percentage]</i></p>	<p>Contract Identification: [indicate complete contract name, number, date, value and any other identification]</p> <p>Name of Employer: <i>[insert full name]</i></p> <p>Address of Employer: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate "Employer" or "Consultant"]</i></p> <p>Result of dispute: <i>[Indicate if resolution was treated by the Adjudicator, under Arbitration or dealt with by the Judiciary and whether resolved in favour or against the Applicant]</i></p>	<p><i>[insert amount in equivalent USD, exchange rate and its date]</i></p>
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## Form C.1.1

## Financial Status and Capacity

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture and shall be certified by the Statutory Auditor. Failure to comply with this requirement may result in rejection of the Application]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

## 1. Financial data

Type of Financial information	Historic information for last 5 years (amount in Indian Rupees)					
	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18 (if available)
Statement of Financial Position (Information from Balance Sheet)						
Total Assets (TA)						
Total Liabilities (TL)						
Total Equity						
Current Assets (CA)						
Current Liabilities (CL)						
Working Capital (WC)						
Net Worth (NW)						
Information from Income Statement						
Total Revenue (TR)						
Profit Before Interest & Taxes (PBIT)						
Profits Before Taxes (PBT)						
Cash Flow Information						
Cash Flow from Operating Activities						
Cash Flow from Investments						
Cash Flow from Financing Activities						

## 2. Sources of Finance

[The following table shall be filled in for the Applicant and each partner in case of a Joint Venture]

Specify sources of finance to meet the cash flow requirements for works currently in progress

### A. Details of Credit Facilities available to the Applicant

Sr No	Type of Facility	Sanctioned Limit	Utilised Limit	Unutilised Limit
	Fund Based Limits			
	a.			
	b.			
	c.			
	<b>Total Fund Based</b>			
	Non-fund Based Limits			
	a			
	b			
	C			
	<b>Total Non –fund Based</b>			
	<b>Total Fund and Non-Based Limit</b>			

### B. Details of Other Liquid Assets such as fixed deposits, other liquid assets and any other financial means which may be used meet the cash flow requirements for works currently in progress by the Applicant

Sr No	Type of Liquid Assets	Amount
1.		
2.		
3.		

## 3. Financial documents

The Applicant and its parties shall provide copies of audited financial statements for last five years [FY 2012-13 to FY 2016-17] pursuant Part IV, Prequalification Criteria and Requirements, Sub-factor C.1. The financial statements shall:

Part V. Forms

- (a) reflect the financial situation of the Applicant or in case of JV, for each member and not of an affiliated entity (such as parent company or group member);
  - (b) be independently audited or certified in accordance with local legislations;
  - (c) be complete, including all notes to the financial statements;
  - (d) correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements for the **five** years required above; and complying with the requirements.
- ☐ Please note that printed Audited Annual Reports are to be certified by the Statutory Auditors duly signed & stamped.

## Form C.1.2

## Annual Consultancy Turnover

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture and shall be certified by the statutory auditor. Failure to comply with this requirement may result in rejection of the Application]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to : *[Insert name of JV leader or JV member/s]*

Annual Consultancy Turnover Data							
Year	Consultancy Revenue@ Amount (INR)			Total Turnover of the Applicant	Consultancy Turnover as % of Total Turnover	Exchange rate* (v/s USD)	USD equivalent
	Value of Consultancy Contracts executed in India	Value of Consultancy Contracts executed outside India	Total value of Consultancy Contracts executed				
	[A]	[B]	C = [A+B]				
2012-2013							
2013-2014							
2014-2015							
2015-2016							
2016-2017							
	<b>Total:</b>	<b>Total:</b>	<b>Total:</b>				

# Total Consultancy Revenue would include revenues from all Consultancy contracts including PMC contracts.

\* Refer ITA 13 for source of exchange rate. Exchange rate prevalent on 31<sup>st</sup> March shall be used to calculate revenue for respective financial year.



## Form C.2.1

## Ongoing Contracts

*[The following table shall be filled in for the Applicant and for each member of a Joint Venture and shall be certified by the Statutory Auditor. Failure to comply with this requirement may result in rejection of the Application.]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to : *[Insert name of JV leader or JV member/s]*

Contract Identification	Role of Applicant	Start Date	Contractual Completion Date	Intended/ Revised Completion Date	Residual period for completion	Residual value of Work	Annual Residual value of Work
1	2	3	4	5	6	7	8
Contract Ref: Brief Title of the works: Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name & Address of Employer:	<i>[insert "Prime Contract or" or "JV Member"]</i>				<i>[Insert period in years starting from Application Submission Deadline. In case less than a year, value to be considered shall be 1]</i>	<i>[Insert value in US\$ equivalent including amount billed but pending payment up to deadline for submission of Application]</i>	<i>[Insert value in US\$ equivalent] [7 divide by 6]</i>
							<i>[Insert Total for all Contracts]</i>

\* Exchange rate prevalent as on the date of Invitation for Prequalification (IFP) shall apply to ascertain residual value in equivalent USD. Refer ITA 13 for source of exchange rate

## Form C.3.1

## Ongoing contracts where the Team Leader is deployed

*[The following table shall be filled in for each Team Leader for each of the five (5) packages and shall be certified by the Authorised representative of Applicant. Failure to comply with this requirement may result in rejection of the Application.]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to : *[Insert name of JV leader or JV member/s]*

Contract Identification	Contract description	Contract Value	Role of the team leader	Start Date	Contractual Completion Date	Intended/ Revised Completion Date	Residual period for completion
1	2	3	4	5	6	7	8
Contract Ref:  Brief Title of the works:  Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i>  Name & Address of Employer:							<i>[Insert period in years starting from Application Submission Deadline. In case less than a year, value to be considered shall be 1]</i>

\* Exchange rate prevalent as on the date of Invitation for Prequalification (IFP) shall apply to ascertain residual value in equivalent USD. Refer ITA 13 for source of exchange rate

**Form D.1.1****General Experience**

*[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to: *[Insert name of JV leader or JV member/s]*

*[Identify contracts that demonstrate PMC/ Lender's Engineer/ Owner's Engineer/ Supervision Engineer work over the past 7 years pursuant to Part IV, Prequalification Criteria and Requirements, Sub-Factor D.1. List contracts chronologically, according to their commencement (starting) dates and attach Final Acceptance Certificates.]*

**1. Experience within India**

<b>Contract Identification</b>	<b>Start Date</b>	<b>Initial Contractual End Date</b>	<b>Actual Completion Date and Reasons for delay, if any</b>	<b>Role of Applicant</b>
Contract name: <i>[insert full name]</i> Brief Description of the works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>	<i>[indicate date as dd/mm/yyyy]</i>	<i>[indicate date as dd/mm/yyyy]</i>		<i>[insert "Prime Consultant" or "JV Member"]</i>

\* Refer ITA 13 for date and source of exchange rate

Final Acceptance Certificate to be attached for each contract, in an orderly fashion

## Experience outside India

Contract Identification	Country of Work Execution	Start Date	Initial Contractual End Date	Actual Completion Date and Reasons for delay, if any	Role of Applicant
Contract name: <i>[insert full name]</i> Brief Description of the works performed by the Applicant: <i>[describe works performed briefly]</i> Amount of contract: <i>[insert amount in currency, mention currency used, exchange rate and US\$ equivalent*]</i> Name of Employer: <i>[indicate full name]</i> Address: <i>[indicate street/number/town or city/country]</i>		<i>[indicate date as dd/mm/yyyy]</i>	<i>[indicate date as dd/mm/yyyy]</i>	<i>[indicate date as dd/mm/yyyy]</i>	<i>[insert "Prime Consultant" or "JV Member"]</i>

\* Refer ITA 13 for date and source of exchange rate.

Final Acceptance Certificate / Completion Certificate / Testimonial Letters issued by the employer to be attached for each contract, in an orderly fashion

**Form D.2.1**  
**Specific Experience**

*[The following table shall be filled in for contracts performed by the Applicant, and each member of a Joint Venture, as applicable]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to : *[Insert name of JV leader or JV member/s]*

**Information**

Similar Contract No.	<i>[insert number] of [insert number of similar contracts required]</i>		
Contract Identification/ Title	<i>[insert contract name and number, if applicable]</i>		
Contract date	<i>[dd/mmm/yyyy]</i>		
Completion date	<i>Contractual: [dd/mmm/yyyy]</i>	<i>Actual: [dd/mmm/yyyy]</i>	
Role in Contract <i>[check the appropriate box]</i>	Prime Consultant <input type="checkbox"/> Member in JV <input type="checkbox"/>		
Total Contract Amount	<i>[insert total contract amount in contract currency]</i>	US\$ <i>[insert Exchange rate and total contract amount in US\$ equivalent]*</i>	
If member in a JV, specify participation in total Contract amount	<i>[insert a percentage amount]</i>	<i>[insert total contract amount in local currency]</i>	<i>[insert exchange rate and total contract amount in US\$ equivalent]*</i>
Employer Details	Employer's Name: Address: Telephone, fax number, E-mail:		
Brief Scope of the Services as per Contract			
Narration of the Actual Services Rendered			
Key Staff Positions and Names of Staff			
Services provided by the Expert/ Key staff in the project			
Total Staff Months by your firm			
Total Staff Months by Associate firm (if applicable)			

\* Refer ITA 13 for date and source of exchange rate.

## Part V. Forms

Final Acceptance Certificate/ Completion Certificate / Testimonial Letters issued by the employer to be attached for each contract, in an orderly fashion

**Form E.1.1**

**Certified Management System**

*[The following table shall be filled in for the Applicant and in the case of a JV Applicant, each Member]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Information pertaining to: *[Insert name of JV leader or JV member/s]*

<b>ISO Accreditation/ Certified Management System</b>	<b>Process/ Discipline Certified/ Inclusions</b>	<b>Certification Start Date</b>	<b>Certification Valid up to</b>	<b>Certifying Organization</b>
[indicate the management system accreditation]	[indicate certificate identification number and mention which process or discipline has been certified and inclusions]	[dd/mm/yyyy]	[dd/mm/yyyy]	[indicate the name of the certifying organization and contact details]

Copy of ISO Certificate(s) to be attached with Form E.1.1

**Form E.2.1**

**Skilled Human Resources**

*[Furnish details for at least 5 key staff on rolls pursuant to Part IV, Prequalification Criteria and Requirements, Sub-Factor E.2. In case of JVCA, this shall be on a combined basis]*

Applicant's Name: *[insert full name]*

Date: *[insert day, month, year]*

Joint Venture Member Name: *[insert full name]*

IFP No. and title: *[insert IFP number and title]*

Page *[insert page number]* of *[insert total number]* pages

Sector	Name of key staff on rolls	Academic Qualification	Specialization	Years of Experience	Experience in Countries

Information on rest of the human resources may be provided on the basis of functional positions such as Design Engineers, Architects, etc, and their number

CV of each personnel listed in Form E.2.1, to be attached



**Part VI. Questionnaire for Applicants**Name of Applicant: *[[In case of JV, to be filled in each partner separately]*IFP No.: *[insert IFP No.]*

<b><u>Eligibility, Confirmation and Other Important Information</u></b>	<b><u>Response*</u></b>
1. Is your firm, either singly or in joint venture currently empanelled or prequalified as a PMC.  If yes, please provide details of Client, Country and Scope of PMC. Attach additional sheets, if needed.	Confirm:  Yes___/No___
2. Export-Import Bank of India (Bank) requires that Applicants and their affiliates observe the highest standard of ethics during the selection and execution of contracts. In this context, any action taken by an Applicant or its affiliate to influence the prequalification process for undue advantage is improper.  Confirm that Applicant and its JV partners, if applicable, have not engaged in any unethical practices in competing for this prequalification.	Confirm:  Yes___/No___
3. Confirm that no official of the Bank has received or will be offered by your firm/organization or agents, any direct or indirect benefit arising from this prequalification or any resulting contracts.	Confirm:  Yes___/No___
4. Has your firm been suspended or debarred by any Multilateral Agency, or any government, or a UN agency? If Yes, provide details, including date of reinstatement, if applicable. Attach additional sheets, if needed.	Yes___/No___
5. Has your firm/organization ever filed or petitioned for bankruptcy? (If Yes, furnish details of the case including filing date and current status.). Attach additional sheets, if needed.	Yes___/No___
6. Has your firm/ any JV partner been penalized for delay in contractual performance since 1 <sup>st</sup> October 2012 to Application submission deadline. If Yes, please provide details in a separate sheet, as necessary.	Yes___/No___
7. Has there been a termination of your firm's services for non-performance on a contract in the last 5 years? If Yes, please describe in detail in a separate sheet, as necessary.	Yes___/No___
8. If prequalified and subsequently awarded a contract by the Borrower Government, would your firm / JV be willing  (i) to work in accordance with the Borrower country laws and regulations (ii) to submit requisite securities as per contract conditions (iii) to be responsible for the performance of the work executed by your firm (iv) to allow scrutiny of your work, related accounts, documentation by the Borrower/ Bank/ Government of India	Confirm:  Yes___/No___ Yes___/No___ Yes___/No___ Yes___/No___
9. Please confirm that you agree to the provisions of the Government of India guidelines dated 7th December 2015 on IDEAS Lines of Credit	Confirm:  Yes___/ No___

*\* Note: To confirm, print "Yes"*

**Certificate of eligibility and authority to sign Prequalification application**

I, [*Name of Authorized Signatory*], certify that I am [*Title*] and Authorized Signatory of [*Name of Applicant or JV member as applicable*]. By signing the Application Submission Form under IFP No [*insert IFP No.*] and on behalf of [*Name of Applicant/ JV member*] I also certify that all information stated here and in the Application Document is accurate and true and that signing the Application Submission Form is within the scope of my powers as [*Title*] and Authorized Signatory.

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(*Signature*)

[*Name of Authorized Signatory*]  
[*Title*] and Authorized Signatory

Date: