

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 1**

- **Number of Equivalent Contracts (Nc) determined by:**

- $$N_c = \sum(S_i \times K_i)$$

- **S<sub>i</sub> = percentage of the financial participation of the Applicant or the participant / shareholder in a Joint Venture Applicant in executing the reference contract**
- **K<sub>i</sub> = percentage of the financial participation of the respective participant / shareholder of the Joint Venture Applicant for this Contract.**

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 1**

- **Company A has completed two (2) D&B SWRO contracts on its own with design capacity of :**
  - 45 MLD (*not considered as < 50 MLD*)
  - 80 MLD (*Si = 100%*)
- **Company B has completed three (3) D&B SWRO contracts in JV with design capacity of :**
  - 100 MLD *in a JV* with 80% financial participation (*Si = 80%*)
  - 130 MLD *in a JV* with 70% financial participation (*Si = 70%*)
  - 180 MLD *in a JV* with 30% financial participation (*Si = 30%*)
- **Company C has no relevant SWRO D&B contracts**

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 1**

- **Company A, Company B and Company C team up as a joint venture with percentage of financial participation of 30% , 40% and 30% respectively:**

- **$N_c (\text{Company A}) = 100\% \times 30\% = \underline{0.3}$**

- **$N_c (\text{Company B}) = 80\% \times 40\% + 70\% \times 40\% + 30\% \times 40\% = \underline{0.72}$**

- **$N_c (\text{Company C}) = \underline{0}$**

- **$N_c \text{ submitted for current JV} = 0.3 + 0.72 + 0 = \underline{1.02}$**

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- Criterion 2

- Number of Equivalent Contracts (Nc) determined by:

- $Nc = \Sigma(Si \times Ki)$

- Si = 1 if percentage of the financial participation of the Applicant or the participant / shareholder in a Joint Venture Applicant in executing the reference ~~DBO or DBFO~~ contract  $\geq 25\%$ 
  - = 0 if percentage of the financial participation of the Applicant or the participant / shareholder in a Joint Venture Applicant in executing the reference ~~DBO or DBFO~~ contract  $< 25\%$
- Ki = percentage of the financial participation of the respective participant / shareholder of the Joint Venture Applicant for this Contract.

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 2**

- **Company X has completed three (3) DBO contracts\* jointly undertaking operation and maintenance works for SWRO facilities**
  - **150 MLD *in a JV* with 20% financial participation in the DBO contract (*not considered as the % financial participation < 25%*)**
  - **50 MLD *in a JV* with 80% financial participation in the DBO contract (*Si = 1*)**
  - **250 MLD *in a JV* with 60% financial participation in the DBO contract (*Si = 1*)**
- **Company Y has no relevant operation and maintenance contracts for SWRO facilities**

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 2**

- Company X and Company Y team up as a joint venture with percentage of financial participation of **50%** and **50%** respectively:
  - $N_c(\text{Company X}) = 0 \times 50\% + 1 \times 50\% + 1 \times 50\% = \underline{\mathbf{1}}$
  - $N_c(\text{Company Y}) = \underline{\mathbf{0}}$
- $N_c \text{ submitted for current JV} = 1 + 0 = \underline{\mathbf{1}}$

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- Criterion 3

- Number of Equivalent Contracts (Nc) determined by:

- $Nc = \Sigma(Si \times Ki)$

- Si = percentage of the financial participation of the Applicant or the participant / shareholder in a Joint Venture Applicant in executing the reference contract
- Ki = percentage of the financial participation of the respective participant / shareholder of the Joint Venture Applicant for this Contract.

# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- Criterion 3

- Company J has completed three (3) **local** civil engineering contracts with contract sum
  - HK\$450M *on its own* (not considered as the contract sum < \$500M)
  - HK\$500M *in a JV with 50% financial participation* ( $Si = 50\%$ )
  - HK\$1200M *in a JV with 60% financial participation* ( $Si = 60\%$ )
- Company K has completed three (3) **local** civil engineering / building contracts with contract sum
  - HK\$1600M *in a JV with 80% financial participation* ( $Si = 80\%$ )
  - HK\$1400M *in a JV with 50% financial participation* ( $Si = 50\%$ )
  - HK\$500M *on its own* ( $Si = 100\%$ )
- Company L has no relevant **local** civil engineering / building contracts



# Examples on Calculating the Equivalent Number of Contracts in PQ Screening

- **Criterion 3**

- **Company J, Company K and Company L team up as a joint venture with percentage of financial participation of 30%, 30% and 40% respectively:**

- **$N_c(\text{Company J}) = 50\% \times 30\% + 60\% \times 30\% = \underline{0.33}$**

- **$N_c(\text{Company K}) = 80\% \times 30\% + 50\% \times 30\% + 100\% \times 30\% = \underline{0.69}$**

- **$N_c(\text{Company L}) = \underline{0}$**

- **$N_c \text{ submitted for current JV} = 0.33 + 0.69 + 0 = \underline{1.02}$**