



Empowered lives.  
Resilient nations.

## **Questions & Answers**

### **ITB-UNDP-PETRA-92265-003-2020**

#### **Assignment Name:**

*Procurement of Works: Construction of Inpatient Buildings, Pharmacy and Maternity Building in Two Hospitals in Central Sulawesi*

### **TO ALL INTERESTED BIDDERS**

Q: Referring to *Annex 1 - Technical Specification, point 4.2 Electrical Work, sub point 4.3.2 Equipment and Materials*, it was stated that degree of protection SDP and Panel Distribution are IP 55. IP 55 is commonly used for outdoor, as for indoor panel it should use IP 41 or 42 to avoid temperature rise inside the panel. Please clarify.

A: **For the panel, it is recommended to use IP 55.**

**IP or Ingress Protection is determined from the level of protection of the panel against the Ingress of solid foreign matter (the first number) and against various forms of liquid (the second number), classification for protection numbering can be seen in SNI or PUIL.**

**Based on the consideration that the Hospital is located in a fairly dusty area, panel room is likely to be used also for other purposes (warehouses) and is located close to a clean water / hydrant installation - then for Anutapura Hospital and Tora Belo Hospital will be used panels with IP 55 which means protected from dust or solid objects with size  $\geq 1\text{mm}$  or wire with diameter  $\geq 1\text{mm}$  and also protected from low pressure jets water/liquids. Of course there are some panels that IP can be lowered, for example panels in the Murai Building 2<sup>nd</sup> floor (Anutapura Hospital) and Maternity (Tora Belo Hospital) become IP 53.**

Q: Referring to *Annex 1 - Technical Specification, point 4.2 Electrical Work, sub point 4.3.2 Equipment and Materials*, Main Busbar Current Rating for SDP is 3200 A or min 1,5 x IAF CB and for Panel Distribution is 2000 A or min 1,5 x IAF CB. Busbar with  $I_r = 3200\text{ A}$  is excessive for MCCB with  $I_r 500\text{ A}$  (see drawing AN-ME-0101 Single Line Diagram of Electrical System). Main busbar current should be 1,5  $I_r$  CB incoming, and please clarify the meaning of IAF because as our experience CB just have  $I_r$ ,  $I_{cu}$ ,  $I_{cs}$ ,  $I_{cm}$ , and  $I_{th}$ , etc.

A: **As stated in *the Annex 1 - Technical Specification, point 4.2 Electrical Work, sub point 4.3.2 Equipment and Materials*, Main Busbar Current Rating for SDP is 3.200 A or with minimum 1.5 x IAF from CB and for Panel Distribution is 2.000 A or with minimum 1.5 x IAF from CB. Bidders are allowed to propose for different Busbar Current Rating, as long as it meets the requirement of minimum 1.5 x IAF from CB.**

AF is Ampere Frame, IAF is the maximum amount of current that can be charged to CB for a long period. The amount of current listed in the drawings is IAT, which is the amount of Ampere Trip or trip current from CB. For example: MCCB Schneider type NSX100-630 or CVS400-630 then IAF is 630A, IAT is determined by the settings on the trip unit device (generally  $0.7 - 1.0 \times \text{IAF}$ ).

Q: Is it possible for the selected bidder to change personnel after the contract being awarded due to the possibility of staff replacement in the future?

A: **During the tendering process, bidders shall provide all personnel with minimum experience and qualification as required in the ITB document. If the contract already awarded to selected bidder and the selected bidder would like to change the personnel, the replacement MUST BE at least having THE SAME or BETTER qualification/experience than the original one. UNDP will review the CV of replacement personnel. The replacement personnel will be assigned upon approval by UNDP.**

Q: Regarding the format of Bid Security, are the bidders allowed to use the standard format used and issued by the bank, since certain banks in Indonesia require references to the Section 1831 and Section 1832 of the Indonesian Civil Law (*Kitab Undang-undang Hukum Perdata, Pasal 1831 dan 1832*) that regulate the relinquishment of special right of claim on asset belonging to the Obligee and for the seizure and sale of such asset for the discharge of the Obligee's debt?

A: **UNDP encourage bidders to use or propose to the bank to use the standard format of Bid Security issued by UNDP, in which the content is already provided specifically to meet the requirement of ITB. UNDP's standard format of Bid Security has been accepted by most banks in Indonesia. As alternative to the Bid Security form, bidders may also submit a bank-issued Check.**

**UNDP as an integral part of the United Nations is not subject to any national law and jurisdiction. Therefore, UNDP cannot accept a reference to Indonesian Civil Law for any claim or dispute. Settlement of Disputes is indicated by UNDP in [the Annex 9 – General Conditions of Contract for Civil Works, Article 71](#) that bidders shall refer and accept in their bid submission.**

Q: As per Indonesian Regulation *PERPUU Bahasa Tahun 2019* and Presidential Decree *PERPRES 63 Tahun 2019*, any foreign legal documents shall be translated into Bahasa Indonesia. Are bidders allowed to provide Bid Security in bilingual version?

A: **Bidders are allowed to provide Bid Security in bilingual version, provided the English version to use UNDP format. It shall be added with a clause: in case of any discrepancy or inconsistency between the English version and its Bahasa Indonesia translation, the English version shall prevail.**

Jakarta, 1 July 2020