



ALL CORRESPONDENCE TO BE ADDRESSED TO THE GENERAL MANAGER

Central Electricity Board

CORPORATE OFFICE

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CPB/30/2023_Cla.3

OUR REF:

14 December 2023

YOUR REF:

Attention: All Bidders

Dear Sir/Madam,

CPB/30/2023 - Design, Supply, Installation, Testing and Commissioning of Ten 66/22 kV GIS Substations for the Republic of Mauritius

Clarification No. 3

Please find below CEB's reply to queries raised by prospective bidders for the above-mentioned bidding exercise.

Query 1

Volume-2- Civil Specification 23.1.4 - Soil Investigation. As per the referred Clause, it is indicated that Contractors will be provided with preliminary site investigation reports, but the Contractor shall make their own judgement and undertake any further site investigations that might be required to develop a safe and robust design. Based on the above clause, we request the Employer to grant permission for conducting soil investigation for all 10 Nos Sub-station locations.

Reply 1

Please note that your request cannot be entertained.

Query 2

Vol 2 - Earthworks/ Enabling Works. As per the scope of works, Site clearing and shaping is in contractors scope, request you to provide the Finished ground level (FGL) of the existing substation so that same can be matched for the new substation area. If the FGL of existing substation is not to be matched, please furnish criteria for deciding FGL of new substations with respect to level of access road (i.e. minimum difference between access road elevation and FGL of the plot).

Reply 2

Please note FGL shall be determined during detailed design stage which shall incorporate compliance to drainage requirement to prevent flooding. The Finished Floor Level (cable gallery) of the new substations shall be at least 500 mm above Finished Ground Level of the plot.

Query 3

Vol 4, List of Drawings. In the attached drawing, Substation Layout Showing Equipment to be Decommissioned based on spot levels provided we understand that New site station area level to match the existing FGL of substation, Please confirm.

Request you to provide the specification for the embankment/ retaining wall to be provided for retaining the soil. In absence of any details we propose embankment with a slope of 1:1.5 (V:H). with slope protection by grassing. Please confirm.

Reply 3

Please note FGL shall be determined during detailed design stage which shall incorporate compliance to drainage requirement to prevent flooding. In case retaining wall is required due to difference in ground level, the design of the wall shall be approved by the Engineer prior to implementation.

Query 4

Vol 4, List of Drawings. We propose to use Retaining wall cum boundary wall in the periphery in case of any higher-level difference. Please confirm.

Reply 4

Please refer to Reply 3 above.

Query 5

Vol 4, List of Drawings. As per the drawing of Substation Layout Showing Equipment to be Decommissioned, we understand dismantling of only the facilities within the clouded region is under current bidders scope. Not all equipment is shown as per provided drawing. Please provide the Details of existing structures to be dismantled for better understanding and estimating the quantum of works.

Reply 5

Please note that the facilities to be decommissioned at the relevant sites have already been shown during the site visit.

Query 6

Vol 2 - Foundations & Support Structures. Foundations & Support Structures, strengthening of existing structure of tower is required for the current scope of works, request you to provide the detailed specification of the same and Tower structural drawing for the estimation of exact requirements for strengthening and matching the existing structure details.

Reply 6

The drawings will be provided to the successful bidder at time of implementation.

Query 7

As per Vol 2 clause 4.4.9 Foundations & Support Structures. Cable sealing ends at the substation boundary and all other cable terminating works are under current bidders scope. Please Confirm.

Reply 7

Yes.

Query 8

As per current bidders' scope of works, Existing capacitor banks shall be required to be relocated to the new substation area. Request you to share the structural drawings of the support structures and foundation of the same for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 8

It is the responsibility of the bidder to make necessary estimate of quantities and quantum of works based on its design.

Query 9

As per the scope of works, 66kV cables shall be laid outside the substation compound wall to different locations. Request you to provide the detailed route survey for the different routes with length of trenches and crossings (road, drain, railways, etc.)

Reply 9

Please refer to drawing CEB-GIS-19-19a

Query 10

Chaumiere 66/22kV GIS Substation -CEB-GIS-19-21. As per the indicative layout, we understand that in the existing plot 9m width existing roadway is there which shall be required to dismantle for the new switchyard area. Please confirm the bidder's understanding is correct.

In addition, for quoting for the above item, we shall require the existing road structural drawings. Request you to share the same.

Reply 10

Yes, bidder is required to demolish the existing roadway. There is no structural drawing for the roadway. In general, the roadway within a substation consists of around 60mm asphalt, 150 mm crusher run and 450mm hardcore.

Query 11

Vol 2, 5.4.5 Transformer Bunds. As per the current bidder's scope of works, 2 Nos of Existing Transformer shall be required to be relocated to the new substation area. Request you to share the structural drawings of the support structures and foundation of the same for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 11

It is the responsibility of the bidder to make necessary estimate of quantities and quantum of works based on its design.

Query 12

Belle Vue 66/22kV GIS Substation - Substation Layout Showing Equipment to be Decommissioned and Spot Levels CEB-GIS-19-17. As per the drawing Belle Vue 66/22kV GIS Substation - Substation Layout Showing Equipment to be Decommissioned and Spot Levels CEB-GIS-19-17, we understand dismantling of only the facilities within the clouded region is under current bidders scope. Not all equipment are shown as per provided drawing. Please provide the Details of existing structures to be dismantled for better understanding and estimating the quantum of works.

Reply 12

Please refer to Reply 5 above.

Query 13

Belle Vue 66/22kV GIS Substation - Proposed Indicative Layout CEB-GIS-19-15a. As per the indicative layout, we understand that 22kV switchgear building and new transformer foundation shall be built in the existing substation area which is to be completely dismantled for both superstructure and foundations. Whereas the 2 no of existing foundations for the transformer shall be kept in original place and connection shall be taken from the same location. Please confirm bidder understanding is correct.

Reply 13

Yes, your understanding is correct.

Query 14

Vol 2, 1.4.3.1 Decommissioning Works . Since as per scope of works, new 22kV Switchgear building shall be coming in the existing substation switchyard, dismantling of support structure and its foundation is required for the Belle vue substation, Request you to share the structural drawings of the support structures and foundation of the equipment for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 14

Please refer to Reply 5 above.

Query 15

Vol 2, 1.4.3.1 Decommissioning Works . Since as per scope of works new 22kV Switchgear building and new transformer foundation shall be coming in the existing substation switchyard, dismantling of the following is required for the Belle vue substation,

1. Substation internal road,
2. Cable trenches,
3. Underground water tank
4. Oil collection pit and Septic tank
5. Gravelling of the switchyard

Request you to share the structural drawings of the above-mentioned facilities for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 15

Please note the following:

1. There is no structural drawing for the roadway. In general, the roadway within a substation consists of around 60mm asphalt, 150 mm crusher run and 450mm hardcore.
2. The cable trench of reinforced concrete 600mm x 600 mm
3. There are no underground water tanks within the site.
4. There are no oil collection pits and septic tank within the working area.
5. The gravel thickness is approximately in the range of 100 mm.

Query 16

Vol 2, 6.4.2 Drainage. Since as per scope of works site vide existing drainage shall be repaired for the existing as well as connection for the new substation is required for the Belle vue substation, Request you to share the structural drawings of the drainage facilities for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 16

The drainage facilities shall be upgraded where necessary as per bidder's design.

Query 17

General Dismantling Works

As per current bidders' scope of works, dismantling works shall be required above the plinth level of the equipment support structures and facilities for the following substations,

1. Henrietta
2. La Chaumiere
3. Belle Vu
4. Ebene
5. Wooton
6. Fuel

Request you to share the respective support structure drawings for the estimation of quantities and achieving the exact quantum of works for a competitive bidding.

Reply 17

Please refer to Reply 5 above.

Query 18

Please furnish rainfall intensity for drainage design for the following substations.

1. Henrietta
2. La Chaumiere
3. Belle Vu
4. Ebene
5. Wooton
6. Fuel
7. Airport
8. L' Avenir

9. Cote D'Or City
10. Rose Belle

Reply 18

Please refer to Section 23.4.6 of the Employer's Requirement

Query 19

Civil Specifications for following facilities are not available in the tender document:

1. Drainage type (surface or subsoil)
2. Capacitor bank Base Foundation
3. Internal substation Roads (Minimum subgrade, base layer, etc. requirement)
7. Water Proofing for Buildings
8. Plinth protection for Buildings
9. Building Plastering works
10. Septic Tank (Capacity and fibre glass type specification)

Request to provide specifications for above facilities.

Reply 19

1. Drainage type– Please refer to Employer's Requirements (ER) Section 23.2.13
2. Capacitor bank foundation- It is the responsibility of the bidder to design the required foundation.
3. Internal substation Roads (Minimum subgrade, base layer, etc. requirement) – Refer to ER Section 23.2.16
4. Water Proofing for Building – Please refer to ER Section 23.14.9.2
5. Plinth protection for Building- It shall be designed by the successful bidder and approved by the Engineer prior to implementation.
6. Building Plastering works – It shall be design by the successful bidder and approved by the Engineer prior to implementation. However, in general the minimum required thickness is 15mm.
7. The capacity and type of the Septic tank shall be determined by the bidder and approved by the Engineer at time of implementation.

Query 20

The Reinforcement grade is not mentioned in vol-2 clause 23.8.12.3 of technical specifications, we propose the Grade of reinforcement steel as Fe500, kindly confirm.

Reply 20

The choice of steel reinforcement shall comply to Section 23.8.12.3 and approved by the Engineer. The commonly used steel reinforcement grade in Mauritius is FY 460.

Query 21

We propose mixed usage of Mild steel grade and High tensile grade steel for Gantry and equipment support structures. Minimum Yield strength for MS : 250MPa.. Minimum Yield strength of HT : 350Mpa. Kindly confirm.

Reply 21

Minimum Yield strength for MS of 250 MPa is acceptable.
Minimum Yield strength of HT shall be 460 MPa.

Query 22

Please furnish the minimum grade of connection bolts and anchor bolts required for the design of substation tower and equipment support structures. We propose a grade of

- 1) 4.6 for Anchor Foundation bolts as per EN ISO 1461
- 2) 5.8 for Connection Bolts as per EN ISO 1461

Reply 22

The grades shall be determined by the bidder at design stage and approved by the Engineer.

Query 23

Please furnish the minimum factor of safety required for the design of substation towers and equipment support structures. We propose a factor of safety of

- 1) 2.0 for Normal tension condition
- 2) 1.5 for Short circuit force condition
- 3) 1.5 for stability check for foundations (over turning, sliding, etc..)

Reply 23

It is the responsibility of the bidder to choose the required factor of safety taking into consideration the climatic and soil conditions in Mauritius.

Query 24

For easy execution at site we propose the use of piped Type equipment support structures for switchyard equipment. Kindly confirm.

Reply 24

Please note that in the scope of work, no switchyard equipment are to be erected.

Query 25

Please confirm whether storm water drainage system (within substation plot) will be Sloped Substation with self-drainage, open channel or underground piping system. We suggest a sloped substation with a slope of 1:400 for self-drainage with open channel peripheral drain on the boundaries. Kindly confirm.

Reply 25

Please refer to Section 23.2.13.

Query 26

Since the new substation is beside the existing substation built by CEB, We assume that storm water/ sewage termination for the new substation can be done in the public sewage line available for the following existing substation.

1. Henrietta
2. La Chaumiere
3. Belle Vu
4. Ebene
5. Wooton
6. Fuel

Please confirm. Also, no work is envisaged beyond substation boundary wall/fencing. Please confirm.

Reply 26

Please note that none of the ten substations will be connected to public sewage line.

Query 27

Vol 2 clause 23.2 Scope of Civil and Building Works. Please furnish the finish floor level (FFL) for buildings (i.e. minimum dimension between FGL and FFL of the building).

Reply 27

Please refer to Reply 2 above.

Query 28

Vol 2, Clause 23.2.4.1 GIS Switchgear Buildings . As per the clause It is mentioned that " The building shall also have a sloped concrete roof (cast in situ) with waterproofing on top and down water pipes etc. to ensure water flow into the soakaway. " Request you to provide the details for minimum slope requirement. We propose a roof slope of 1:40 (V:H) for ease of execution at site. Please confirm.

Reply 28

It is the responsibility of the contractor to determine the slope for buildings to ensure proper evacuation of rainwater. The slope shall be approved by the Engineer at design stage.

Query 29

Vol 2, Clause 23.2.6 Foundations for Transformers. As per the clause, Transformer foundation shall be provided with a pit below of capacity equivalent to transformer oil capacity with gravel filled up to 300mm depth in the pit. We assume no steel grating shall be required in the below pit since we are providing 300mm of gravel stones. Please confirm

Reply 29

Yes.

Query 30

Vol 2, Clause 23.2.9 Common oil retention sump. As per the clause, the sump area for the oil collection pit shall be covered with 250 mm depth of single sized stone chippings, supported on a stainless-steel grillage. We understand the same is not required since we have already provided 300mm of gravels in the individual sump pits provided below the transformers. Please confirm.

Reply 30

No. Bidder shall abide to provisions of Clause 23.2.9 of the Employer's Requirements

Query 31

Vol 2, Clause 23.11.13 Reinforced Blockwork – Lateral and Vertical. As per the stated clause reinforcement shall be provided in the block work. Request you to provide the interval of brick layers in which the reinforcement shall be given.

Reply 31

The interval of brick layers in which the reinforcement are to be provided shall be determined at the design stage and approved by the Engineer.

Query 32

Vol 2, Clause 23.14.1 General. As per the clause, 6m wide internal substation road of asphalt concrete type pavement shall be provided. Request you to provide the minimum requirements for the sub base, base and pavement depth and specification. Also, request you to share the structural drawings of the existing internal substation roads.

Reply 32

It is the responsibility of the Bidder to design the internal substation road. Refer to Reply 10 above for existing internal road.

Query 33

Vol 2, Table 23.2. As per the table we understand all the rooms shall require same type of flooring "Concrete screed with concrete hardener/dust proofer, or equivalent high strength concrete floor with approved hardener suitable for heavy industrial use. Painted with oil resisting non-slip epoxy floor paint. Chequer plate and open grid flooring to be anti-slip galvanized and painted". we understand no special type of flooring material above this shall be required for any room/facility. if required during execution stage it shall attract additional cost. Please confirm.

Reply 33

Please abide to the specification spelt out in the Employer Requirements.

Query 34

Vol 2, CI, 23.8.12.5 . "All concrete mixes shall be in accordance with the requirements of the Eurocode, BS EN 206 or similar approved and as designated on drawings approved by the Engineer. Concrete (excluding mass concrete and blinding) shall have a characteristic cube strength of at least 32 N/mm²". We understand that the RCC grade for substructure & superstructure C25/30. Please confirm.

Reply 34

No. Please abide to the characteristic cube strength of at least 32 N/mm². RCC grade for substructure and super structure shall be at least C32.

Query 35

We have received single point coordinate for all ten substations. Request you to share all sides corner coordinates for all ten substations.

Reply 35

The corner coordinates will be confirmed in collaboration with the Employer's surveyor at time of handing over of site.

Query 36

23.2.11 – Firewalls for Transformers. From this clause bidder understand that fire wall between the transformer is sufficient. No water spray system is required. Please confirm the bidder's understanding

Reply 36

Yes, your understanding is correct. There is no requirement for water spray system.

Query 37

'23.3 Fire Prevention, Detection, and Protection. 'General - Fire Fighting system .Bidder is considering only FDA & Gas suppression system, Fire extinguishers as per the referred clause for 66kV &22kV GIS building. Other water-based firefighting system such as Sprinkler, Internal Hydrant and water spray system has been not considered for 66kV &22kV GIS building. Please confirm.

Reply 37

The fire detection and alarm (FDA) and gas suppression system shall be as per the Employer's Requirements. Water-based firefighting system such as Sprinkler, Internal Hydrant and water spray system are not required.

Query 38

'23.3 Fire Prevention, Detection, and Protection. Bidders are considering the gas flooding system for the electrical panel & battery rooms in the 66kV GIS building & LVAC/Control room, capacitor bank room in the 22kV GIS Buildings only. Please confirm the bidder's consideration.

Reply 38

Bidder shall abide to provision of Clause 23.3 of the Employer's Requirements.

Query 39

'23.3 Fire Prevention, Detection, and Protection - 66kV & 22 kV GIS Building layout. Bidders presume that the gas flooding cylinder could be kept at cable basement. Hence, No requirement of separate room for gas cylinder room. Please confirm.**Reply 39**

The gas flooding cylinder for fire-fighting shall not be kept in the cable gallery.

Query 40

'23.3.3 Materials: Bidder has requested the client that we can propose FM200 (in place of IG541) for the 66kV GIS & 22kV GIS Buildings. Kindly advise.

Reply 40

Bidder shall abide to provision of Clause 23.3.3 of the Employer's Requirements.

Query 41

'23.3.9.2 Power Supplies. As per the NFPA 72-2022, clause 10.6.7, Secondary Power supply, battery backup has to provide for 24 hours pf under normal conditions & 5 min for under alarm conditions. Hence bidder has been considering the same as NFPA 72. Please confirm the bidder's consideration.

Reply 41

Bidder shall abide to provision of Clause 23.3.9.2 of the Employer's Requirements.

Query 42

'23.3.9.7 Fire Detectors. From this clause, the fire and smoke detectors are non-addressable (conventional fire and smoke detectors). Hence, the bidder understand that fire alarm system has been considered a conventional fire alarm system and bidder also has considering the same. Please confirm the bidder's understanding.

Reply 42

Your understanding is correct. Bidder shall abide to provision of Clause 23.3.9.7 of the Employer's Requirements.

Query 43

'23.16.6 Air Conditioning Systems. From this clause bidder understand that Wall mounted Split Unit is the client requirement. If we proceed with the High Wall Split Unit, we cannot provide separate Pre-Filter and Main Filter as specified. Kindly Confirm the type of unit.

Reply 43

Bidder shall abide to provision of Clause 23.16.6 of the Employer's Requirements.

Query 44

'23.16 HVAC - General - Ventilation system Bidder is only considering the Exhaust Fan for Battery Room and the Fresh Air Louvers with filter is placed on the walls. It will be used as intake of Fresh Air. Please confirm the consideration.

Reply 44

Bidder shall abide to provision of Clause 23.16.7 of the Employer's Requirements.

Query 45

23.16 HVAC - General - Ventilation system. Bidder is only considering the wall mounted Supply Fan for Cable Basements and the exhaust air will be through Exhaust Louvers. Kindly confirm the consideration.

Reply 45

Please refer to Sections 23.16.3 and 23.16.4. Bidder shall abide to the requirements of these Sections for the cable basement.

Query 46

'23.16.6 Air Conditioning Systems. Bidder proposed that instead of 100% redundancy (N+N) configuration, we can provide N+1 Configuration of units for all Technical Rooms, Kindly Confirm.

Reply 46

Bidder shall abide to provision of Clause 23.16.6 of the Employer's Requirements.

Query 47

'23.16.5 Insulation. Bidder proposed that the Fresh air duct in the Cable Basement room won't be insulated. Kindly Confirm.

Reply 47

Bidder shall abide to provision of Clause 23.16.5 of the Employer's Requirements.

Query 48

General Conditions of Contract, 37. Force Majeure. Applicability of Pandemic / Epidemic as part of Force Majeure – we understand from the GCC Clause 37 under Force Majeure 37.1 Sub clause (d) We request the Employer to include "outbreak of an illness of a Pandemic nature" under the subclause 37.1.(d) for the Contract. Kindly confirm.

Reply 48

Your request cannot be entertained.

Query 49

Appendix 3. Insurance Requirements. Insurance cover for the Dismantled Materials:

We understand that the Insurance cover for the material value of dismantled items will be taken by the Employer. Kindly confirm on the same. If it needs to be considered in bidder's scope, kindly provide us the value of the dismantling materials to be covered by bidder.

Reply 49

It is in the Bidder's Scope and shall be covered by Installation All Risk Insurance specified in Appendix 3, Part (b).

Query 50

Particular Conditions of Contract, PCC 13. Securities. We request the Employer to reduce the Performance Security from Ten (10%) to Five (5%) upon issuance of Taking-over certificate. Kindly confirm on the same.

Reply 50

Your request cannot be entertained.

Query 51

Particular Conditions of Contract, PCC 34.1 (g). Insurance As per the mentioned Clause, we understand that the Contractor shall maintain the professional indemnity insurance to cover the risk of professional negligence in the design of the works. We request the Employer to confirm that the insurance shall be for a limit of not less than the Contract Price amounting to Design Services portion only. Also, we understand that the insurance shall be in full force for a period of 5 years from the date of Completion time and shall not to be considered from Contract effective date. Please confirm on the same.

Reply 51

The provisions of PCC 34.1 (g) are maintained.

Query 52

Appendix 3. Insurance Requirements. Insurance cover for the Client Free issue Materials:

We understand that the Insurance cover for free issued materials by client such as Relocation of existing Power Transformers, 22kV RMUs, 22/0.415kV Auxiliary Transformers, Capacitor Banks and any other client supplied material shall be covered in Employer scope. Kindly confirm the same.

If it needs to be considered additionally in bidder's scope, kindly provide the value of the materials to be covered by bidder. Also, we request the Employer to confirm that all the above free issue material value is already included in 3 (b) – Installation All Risk cover "The insurance shall be extended to provide cover to the properties (to the tune of MUR 765 million) of the Employer that are exposed to the action of the Contractor in the execution of the works". Please confirm the bidder scope.

Reply 52

It is in the Bidder's Scope and shall be covered by Installation All Risk Insurance specified in Appendix 3, Part (b).

Query 53

Section - III : Evaluation and Qualification Criteria, CI No. 4.2 (a) page 84. We understand the intent in clause 4.2.(a) is to identify companies with strong technical expertise, aligning with requirement of 10 substations of GIS. To meet this, we kindly request consideration for companies with a proven track record of completing minimum 6 SS or more 66 KV or above voltage class substations within the last decade. Financial capability of companies are already outlined in clauses 3.1 to 3.4. Additionally, we also need to mention that the specified estimated costs of \$60 million and \$90 million for similar projects under clause 4.2(a) are practically unattainable for 66 KV. Please clarify

Reply 53

Clause 4.2 (a) of Section III Evaluation and Qualification Criteria has been amended. Please refer to Addendum No. 1.

Furthermore, please note that the HV GIS Substation in Clause 4.2 (a) refers to GIS installations with nominal voltage of 66 kV and above.

Query 54

Section - III : Evaluation and Qualification Criteria, CI No. 2.2 (1) Time Schedule for Belle Vue
For Phase A : The commissioning period of 9 month period for the work Involves for under this scope is supply and installation of 66kV bays, 66/22kV Transformer along with GIS room is very short as high time lead items transformer and GIS to manufacturers required minimum 6 to 8 month from drawing approval. In view of this we request to increase the completion period under this scope up to 15 month from 9 month. For Phase B : The commissioning period of 6 month period for the work Involves for under this scope is demolition of the 66 kV AIS, completion of 22 kV GIS complete with the third power transformer and associated works In view of this we request to increase the completion period under this scope up to 15 month from 6 month.

Reply 54

The completion time for Phase A (9 months) and Phase B (6 months) are indicative. The Bidder may distribute the overall completion time of 15 months between the two phases as appropriate. However, the overall completion time for Belle Vue Substation (Phases A and B) is maintained at 15 months.

Query 55

Henrietta Substation: Access to substation. During site visit, it was observed that the access road to site is very narrow and has private property adjustment to road. Since, as per tender condition, access road is excluded from bidders scope, please confirm that clear access road which can move heavy equipment's line transformer shall be provided by CEB.

Reply 55

CEB shall not clear access road. With reference to Clause 4.4.4, it is responsibility of the Contractor to assess the condition of the access track from the public road to the site. Where any reinforcement, extension or remedial works are required these shall form part of the Contract works.

Query 56

L'Avenir Substation: Access to substation. During site visit, it was observed that the access road to site is very. Since, as per tender condition, access road is excluded from bidders scope, please confirm that clear access road which can move heavy equipment's line transformer shall be provided by CEB.

Reply 56

CEB shall not clear access road. With reference to Clause 9.3.4, it is responsibility of the Contractor to assess the condition of the access track from the public road to the site. Where any reinforcement, extension or remedial works are required these shall form part of the Contract works.

Query 57

In the bidding document, no mention has been made about registration with the Construction Industry Development Board [CIDB] in Mauritius at the time of bidding for the project.

However, in accordance with CIDB Act 2008, Contractors and Sub-Contractors, whether local or foreign under an existing or intended joint venture operating in the construction industry have the statutory obligation to be registered with the Construction Industry Development Board (CIDB), as appropriate, prior to bidding for the project. For foreign contractors, a "Provisional Registration" certificate is required at the bidding stage and in case of an award a "Temporary Registration" certificate is also required with payment of 0.2% of contract award sum to the CIDB.

Furthermore, Contractors have to be registered with the CIDB under the grade and classes indicated under the grade that would allow him to perform the value of works for which he is submitting his bid.

Please confirm that the bidder and /or JV members or the Joint venture DO NOT have to hold a "Provisional Registration" certificate of the CIDB at the time of submitting this bid; or alternatively if they have to register with the CIDB to bid for this project, in which category should the Bidder and/or JV members or the Joint venture have to be duly registered with the CIDB?

An early reply will be well appreciated.

Reply 57

Provisional Registration with the CIDB is not required to bid for this project.

Query 58

Reference is made to the above-mentioned bid documents – '*Volume 1_Bidding Document CPB-30-2023 GIS Substation Project*', and request the following clarification:

In the 'Form of Bid Security – Demand Guarantee', para 5

Quote:

'Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date'

Under ITB 20 Bid Security sub para ITB 20.3

Quote:

'..The Bid Security shall be valid for twenty-eight (28) days beyond the original validity period, or beyond any period of extension if requested under ITB 19.2.'

Under Section II – Bid Data Sheet

Quote:

ITB 19.1 – The Bid validity period shall be one hundred and eighty-two (182) days as from the deadline set for the submission of bid, or up to 10 June 2024.

ITB 20.1 – The amount and currency of the Bid Security shall be Ninety-Eight million and two hundred thousand Mauritian Rupees (MUR 98,200,000) and shall remain valid up to 08 July 2024.

Please clarify whether the date to be inserted Form of Bid Security – Demand Guarantee at para 5 is 08th July, 2024 to read as follows:

"Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before 08th July, 2024".

Reply 58

The Bid Security shall be valid for twenty-eight (28) days beyond the original validity period of the Bid, or beyond any period of extension if requested under ITB 19.2. Bidders are advised to consider an extension of the deadline set for submission of Bid. Note that the form of Bid Security – Bank Guarantee shall be used.

Query 59

Bid Security. Please confirm if the Bid Security with equivalent USD amount is acceptable. If yes, as there are fluctuations in exchange rates, can we issue this Bid Security with a given exchange rate, such as 1 MUR = 0.02 USD?

Reply 59

A Bid Security with the equivalent USD amount is not acceptable.

Query 60

Taxes and Duties.. Regarding the Taxes and Duties, as in the PCC 14, it states that "Please consult MRA website for all details on taxes: www.mra.mu". While, in the GCC 14.2, it states that the Employer shall bear and promptly pay

- (a) all customs and import duties for the Plant specified in Price Schedule No. 1; and
- (b) other domestic taxes such as, sales tax and value added tax (VAT) on the Plant specified in Price Schedules No. 1 and No. 2 and that is to be incorporated into the Facilities, and on the finished goods, imposed by the law of the country where the Site is located.

As the taxes and duties can significantly impact the bidder's final price, and the website is not clear about the customs, import duties and VATs for a particular project. Therefore, please kindly confirm that these taxes and duties in item (a) and (b) of GCC 14.2 are borne by the employer.

Reply 60

The taxes and duties mentioned in GCC 14.2 (a) and (b) shall be borne by the Employer.

Query 61

Physical Production Rate. In Part IV, "Physical Production Rate" is required to be completed in Form EXP-4.2 Specific Experience. The project experience filled in Form EXP-4.2 is all completed projects. In addition to the civil engineering project, the rest of the work is difficult to express through the rate. Please further explain what this means here and what need to fill in.

Reply 61

The Physical Production Rate is not applicable for this bidding exercise.

Query 62

Due to the equipment manufacturers need to sort out the relevant materials and provide the original authorization documents of manufacturer, which need a lot of time to complete the company's approval and mailing. In addition, this tender involves 10 GIS Substations, there is a lot of calculation and sorting work of the tender price. In order to better complete the tender documents, we apply for an extension of the bidding deadline for one month until January 12, 2024.. Looking forward your reply.

Reply 62

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 63

We reiterate our request for an extension for the submission of Bid by one Month up to Thursday 11th January, 2024, 13:30 hours (Mauritian time).

Reply 63

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 64

Considering the substantial volume of bidding documents required for our comprehensive response to this tender, we find it necessary to request an extension of the bid submission deadline. The additional time will allow us to thoroughly prepare and submit all necessary documentation, ensuring the completeness and accuracy of our bid. Therefore, we would like to formally request an extension of the bid submission deadline by one month. We believe this extension will contribute to the overall quality of submissions and facilitate a more robust and competitive bidding process.

Reply 64

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 65

We hereby bring to your attention our request for an extension of the bid submission deadline in relation to the tender for The Design, Supply, Installation, Testing and Commissioning of Ten 662/22kV GIS substations for the Republic of Mauritius, with the original bid submission deadline scheduled for December 12, 2023. Therefore, we kindly request a month extension, setting the new bid submission deadline to January 12, 2024.

Reply 65

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 66

Vol 2.14. 132/66kV Switchgear. Is it acceptable to propose two or several brand of GIS ? Does all sites to be equipped with the same brand of HV GIS, Transformer and MV GIS switchgear?

Reply 66

As per Form Proposed Subcontractors for Major Items of Plant and Installation Services in Volume 1, Section IV Bidding Forms, Bidder shall propose only one (1) subcontractor/manufacturer per major item of plant and installation services. All sites shall be equipped with the same brand of HV GIS, Transformer and MV GIS.

Query 67

In order to support the CEB with the most competitive offer, Is a HV GIS, Power Transformer or MV switchgear manufactured by a Tier-2 supplier and meeting the technical requirement acceptable?

Reply 67

Tier-2 suppliers will not be accepted.

Query 68

Vol1. Appendix 2. Price adjustment: Given the global logistics and supply chain situation in the world, it is not realistic for a bidder to commit for 182 days of bid validity and then continue to work with the same bid price for the following 18 months. Also, the contractualisation period (negotiation, bond issuing, mobilization) will take more than 182 days and bidder will be facing cost increase that cannot be borne alone. Thank you to confirm that the price adjustment formula shall be applied at the contract signature for the labour and materials index.

Reply 68

The provisions of Appendix 2, Price Adjustment, Volume 1 are maintained.

Query 69

Vol1. Appendix 2. The manufacturing capacity is also a bottleneck: Does CEB accept to reimburse any reservation cost that a bidder can pay to manufacturer to book and commit for manufacturing slot ?

Reply 69

This request cannot be entertained.

Query 70

Vol1. Clause 39.2. Regarding the bidder eligibility and providing a bidder part of international group of original equipment manufacturer, we kindly request you to extend the eligibility of the bidder to use any track record of its group as the technical guarantee and warranty will still be supported by the parent company in case of bidder fail as entity. Such limitations or restrictions is only limiting the competition to few EPC companies not necessarily original equipment manufacturer. However, the release from these restrictions will enhance the competition and provide CEB most competitive offer.

Reply 70

The requirements of ITB Clause 39.2 are maintained.

Query 71

Vol1. Section 66 – BDS - ITB 23.1. Due to the large amount of technical work involved in the project, we ask for a 8-week time extension for answering

Reply 71

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 72

We are one of the Bidders for the above Tender which closes on the 12th December 2023. Unfortunately, as the Tender document lacks detail Bill of Quantities for all civil and electrical works, time has to be expended to perform for all the 10 substations, as such we write to request for a 3 Month extension of this Tender. The Month of December is a short working month because of the Christmas holidays and it will be difficult to get quotations from European suppliers. Your understanding of this Matter is greatly appreciated.

Reply 72

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 73

Based on the sub-factor 4.2(a) specific Experience. The document specifies the following contract participation requirements:

(i) Participation as a contractor, joint venture member, management contractor, or subcontractor in at least three (3) contracts within the last ten (10) years, each with a value of at least USD Sixty million (USD 60,000,000).

(ii) Participation as a contractor, joint venture member, management contractor, or subcontractor in at least two (2) contracts within the last ten (10) years, each with a value of at least USD Ninety million (USD 90,000,000).

We are looking to ensure whether meeting either (i) or (ii) is sufficient for qualification, or if compliance with both (i) and (ii) is mandatory to meet the eligibility criteria.

Reply 73

Please refer to Addendum 1.

Query 74

Following the reviewal of the tender document and attendance of the sites visit, and in order to benefit from the required time to build competitive and cost-effective offer, we request a time extension of 8 weeks of the tender due date OF December 12th.

Reply 74

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 75

We solemnly request your good office to grant extension in the bid submission date of at least Four (4) to Six (6) weeks from the present due date of 12th December, 2023 which will enable us to prepare our most competitive and comprehensive bid.

Reply 75

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 76

We shall be grateful if the deadline could be extended by 6 weeks to allow enough time for the preparation and submission of the tender documents as well as a bid security.

Reply 76

Please refer to Addendum 2 for the extension of Bid Submission Deadline.

Query 77

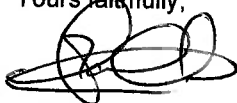
Referring your mail RE: Notes of Prebid meeting - Tender CPB/30/2023 Ten 66/22kV Gas Insulated Switchgear Substations dated 16.11.2023 and email attached document "CPB-30-2023 Pre-bid Meeting and Site Minutes of 24.10.23", we would like to bring into your kind attention in point no (4.) regarding Evaluation and Qualification Criteria 4.2 (a) Specific Experience. You are humbly being requested for relaxation of qualification criteria as in below tabular form:

Participation as contractor, joint venture member[1], management contractor, or subcontractor, in at least EITHER (i) Three (3) contracts of AIS / GIS within the last 10 years each with a value of at least USD forty million (USD 40,000,000) out of which one contract must be GIS with SCADA facilities OR (ii) Two (2) contracts of AIS / GIS within the last 10 years each with a value of at least USD sixty million (USD 60,000,000) out of which one contract must be GIS with SCADA facilities that have been successfully and substantially [2] completed.

Reply 77

Your request cannot be entertained.

Yours faithfully,

A handwritten signature in black ink, appearing to be 'J. Lam', written over a horizontal line.

J. Lam

Ag. Head of Department - Supply Chain