PROJECT :   RETROFITTING OF NAGA AND CALAMBA BUILDINGS (RE-ADVERTISEMENT)

QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

	Clarifications	BAC Reply
1.	May we have a copy/template of the detailed estimate for this project?	We don't have an exact/specific template of the detailed estimate. However, bidders may use the DPWH issued template for the DUPA or the Unit Price Analysis.

WRITTEN QUERIES:

	Clarifications	BAC Reply
1.	Clear copies of retrofitting plans	Clear PDF copies shall be provided.
2.	Key Personnel Requirements	The key personnel must meet the required minimum years of experience set below:

Key Personnel	General Experience	Relevant Experience
Project Manager (Civil Engineer)	10 years	Building construction and/or structural retrofitting
Project Engineer (Civil Engineer)	5 years	Building construction and/or structural retrofitting
Materials Engineer	DPWH Accredited Materials Engineer I	
Foreman	5 years	Building construction and/or structural retrofitting
Construction Safety and Health Officer	40 hrs seminar on Health and Safety	

Except for the Safety Officer and Foreman, all key personnel should be PRC-registered engineers in good standing.

Bidders shall provide one set of key personnel per site, however, they may opt to utilize one Materials Engineer for both sites.

	Clarifications	BAC Reply
3.	Minimum Major Equipment Requirements	This amends Section III. Bid Data Sheet, ITB Clause 10.5. List of Major Equipment

Construction Equipment	Required No. of Units	Capacity
Backhoe	1 unit (Calamba only)	
Dump Truck	1 unit (Calamba only)	
Plate Compactor	1 unit (Calamba only)	
Concrete Vibrator	1 unit (Calamba only)	
One Bagger Mixer	1 unit (Calamba only)	
Bar Cutter	1 unit (Calamba only)	
Bar Bender	1 unit (Calamba only)	
Welding Machine	1 unit per site (Naga and Calamba)	
Jack Hammer	1 unit per site (Naga and Calamba)	
Air Compressor	1 unit per site	

		Clarifications	BAC Reply	
			(Naga and Calamba)	
			Pressurized Epoxy Injector — 1 unit per site (Naga and Calamba)	

		Clarifications	BAC Reply
			Must be supported by documents like proof of ownership, lease and/or purchase agreements or certification of availability of equipment from the equipment lessor/vendor for the duration of the project.
4.		Will there be 15% advance payment for this project?	Advance payment is not allowed.
5.		Is there any required template for the detailed cost estimates?	We have no specific format/ template for the derivation of cost. Bidders may use the DPWH issued template on Unit Price Analysis (UPA) or Detailed Unit Price Analysis (DUPA).
6.		Affected Finishes	All affected areas shall be restored in its original finishes.
7.		Retrofitting of Beams (by CFRP Plate) - Carbon Fiber Plate Strips are rigid straight material that cannot be curved during installation. Making it curve along its width may affect the strength of the material. Are these plates to be cut installed in segments? - The width of the beam=200-240mm and is smaller than the number of plates to be installed 3x100=300mm. are these plates allowed to be installed in 2 layers?	CFRP plates can be cut and installed in segments to fit specific shapes or sizes. However, precision is crucial to maintain the structural integrity and performance of the material. Professional expertise and appropriate tools should be employed to ensure accurate cutting and proper installation for optimal results. Also, this shall be reviewed and subject for the evaluation and approval of the hire CMS Consultant.