



**General Bid Bulletin No. 27
06 September 2021**

RESPONSES TO CLARIFICATIONS

IFB No. 21-058-5; South Commuter Railway Project for Package Number CP S-03b; Civil Engineering, Tunnel and Building Works for Approximately 6.1km Railway with 4.7km of Underground Railway and 1.4km of At-Grade Railway, Including FTI Station and Tunnelling Works to Connect to MMSP Senate Station

TO ALL PROSPECTIVE BIDDERS:

This General Bid Bulletin is issued to amend/clarify certain provisions in the Bidding Documents for the above-mentioned project. Please refer to the ATTACHED Annexes of this General Bid Bulletin duly approved by the End-user and Co-Implementer for details:

1. **Annex "A"** – CP03B Responses to Clarification Requests (Batch 12)

For the information and guidance.

For the Bids and Awards Committee V,




(SGD)
JULIUS M. SANTOS
Chairperson

South Commuter Railway Project for
Package Number CP S-03b
General Bid Bulletin No. 27
Responses to Clarifications

General Bid Bulletin No. 27
CP S03B Responses to Clarification Requests (Batch 12)

No.	Vol	Sec	Page No.	Clause No/Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
1	VOLUME 2 / PART II / SECTION 6 / DRAWINGS / CIVIL DRAWINGS / S-03b_UFP					<p>Further to the submission deadline set on 8 September 2021 per Bid Bulletin No. 19, we humbly submit our request for an extension of the submission deadline by two (2) months from 8 September 2021 to 8 November 2021.</p> <p>The above request is made due to the below reasons:</p> <ul style="list-style-type: none"> • Reimposition of ECQ in Metro Manila and nearby areas from 6-20 August 2021. Within this period, mobility is hampered while limited market available is available with the closure of non-essential businesses. This also impedes plans on the conduct of further site visits. • Addendum 3 cited in previous bid bulletins have not yet been issued for a full appreciation of the Client's clarifications. These outstanding addenda include substantial changes/revisions in drawings, BOQ and borelogs and borehole information, among others. • We have about 46 queries pending client responses, which are critical to our submission. <p>The above cited reasons are critical to progress our tender preparations.</p> <p>Hoping for your consideration on the above request.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
2						<p>With reference to the above tender project, recent general bid bulletins, it was mentioned that Bid Addendum (B) will be issued for further clarifications/changes. However, this addendum hasn't been issued yet. As the clarification period for the bidders is until August 9, 2021, there won't be enough time for reviewing these addendums and raising further clarification requests, in case of any.</p> <p>Moreover, the recent situation in respect of COVID-19 continuing with harder precautions to prevent the spread of the Delta Variant, and restrictions due to the Enhanced Community Quarantine (ECQ), will impede the tender preparations.</p> <p>In the light of the above, by referring to the importance of the Tender and our respective efforts for the submission of the Bid in compliance with the Client's requirements and in reference to the remaining time for the Tender Closing Date, we kindly ask the Client to consider to extend the Tender Submission Date by 6 weeks, beyond the current deadline, meaning until 20 October 2021.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
3						<p>We are writing to request an extension to the deadline of the submission of bid for CP S-02b as we believe more time is needed to provide prospective bidders with the opportunity to submit a fully responsive bid. The complexity of the Design & Built component of the proposal requires additional time to fully meet the client requirements. As per today, there are still several queries which responses have not yet been received for. Additionally, the previously mentioned Addendum 3 is still outstanding. We believe the adequate analysis of that addendum, when received, will require additional time.</p> <p>Not to mention that the current COVID-19 circumstances, with the implementation of ECQ in NCR form 6th August, will have a significant impact in all the operations related to the proposal preparation. Therefore, we are still facing a series of challenges that severely affect the mobilisation of our resources, slowing down all tender activities, in particular those related to iterations with suppliers and subcontractors.</p> <p>As such, we sincerely request an extension of 45 calendar days, with 22nd October 2021, 10:00 am, as the new deadline. The deadline for bidders to submit request for clarification should be extended accordingly to suit the revised deadline should it be approved.</p> <p>We hope our request will be considered and we look forward to your favourable response.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
4						<p>With regard to the subject project, we would like to bring your kind attention that we are currently under preparation of the tender proposal with keen interest to be involved in this project.</p> <p>However, we are facing an insufficient time to prepare a competitive and a compliant proposal to meet the requirements of bidding documents due to multiple reasons.</p> <ol style="list-style-type: none"> 1) In consideration of the design responsibility of the design & build portion and the complex nature of the works, our design study and design development necessitate a further time extension to the current bid schedule. 2) Under the circumstance that the COVID-19 and its Delta Variant are prevalent throughout the world, the Philippine government has placed Enhanced Community Quarantine (ECQ) which limits operation of majority of construction companies and vendors. In order for the circumstances not to affect the quality of the bid proposal, a further time extension is required. 3) A vast amount of new information and changes have been given by the addendum No. 3. For review and study of the additional information therein, a further time extension is required. <p>For the foregoing reasons, we are of the opinion that additional tender preparation period is certainly necessary, and respectfully request for at least 8 (Eight) Weeks extension from the current bidding date.</p> <p>Your positive understanding and favorable response to our request would be very much appreciated</p>	Bidder is referred to GBB 26.	Closed		Yes	26
5	General				Extension of time.	<p>Considering a new addendum (3) was published yesterday, and also considering the new restrictions will be applicable in Manila starting from August 6th. Please consider extending the bid submission date for another 4 weeks from the September 8th.</p>	Bidder is referred to GBB 26.	Closed		Yes	26

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
6						<p>In accordance with our on-going preparation for the bid of the above mentioned project, we would like to request your good office for an extension of bid submission from 08 September 2021 to 29 October 2021.</p> <p>The said request of submission extension is for us to have more time to further review the bid documents to come up with a fully responsive bid especially the extent of the Design and Build component of the bid which requires significant time to prepare and study. Additionally, we need the extra time to review and incorporate the information/details provided in the recently issued GBB 21 dated 04 August 2021 which includes Addendum No. 3. Not to mention, we have yet to receive responses to our some of our queries. Also, the extra time needed is needed for our specialty/domestic subcontractors and suppliers to complete their respective proposals to be part of our bid.</p> <p>Moreover, we may face some challenges in the preparation of the bid due to the implementation of ECQ in NCR from 06 to 20 August 2021. With the limited movement allowed during the ECQ, this may affect our resources and slow down the bid activities.</p> <p>Trusting for your usual understanding and consideration of our request.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
7						<p>Reference to the tender of South Commuter Railway Project Packages No. CP S-03A & CP S-03C and CP S-03b and the RESOLUTION NO. 131 of IATF dated August 5th, the Bidder would like to inform the Employer that the Bidder is preparing it's the most competitive bid study with its most experienced teams within headquarters in the home country as well as within Philippines with the local personnel. We have been giving an utmost effort to prepare a solid submission dossier with the best technical competence in order to fulfill the Employer's requirements.</p> <p>However, due to the referenced Resolution, we would like to remind you that working in Manila has become very difficult since the international transfers are highly obstructed due to the Covid 19 issue. Not only the international transfers, but the restrictions are also forced almost all the tenders and subcontractors to work at home basis. This makes the necessary price and technical studies decelerated beyond the bidder's control. Also, we would like to mention that since the essential and priority construction projects may be excluded to work, being a foreign company's personnel who is working for a tender does not allow our foreign personnel to work effectively in Philippines.</p> <p>In the light of the above-mentioned information, we kindly would like to request 6 weeks extension from the due date of the final submission for these related tenders. We kindly wish you to understand the practical issue as stated above for working out the most competitive price and hoping you will be kind enough to consider our request for this extension of time.</p> <p>For your kind information and consideration please,</p>	Bidder is referred to GBB 26.	Closed		Yes	26
8						<p>We are very much interested to participate in the bid of the above-mentioned project, however, our team will require more time to put together a complete and competitive proposal.</p> <p>To prepare an exact estimation as per your requirement and to come up with our best competitive offer, we would like to request for an extension on the bid submission date from 8th of September to 14th of November 2021.</p> <p>We look forward to your favorable consideration and assuring you the best of our services.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
9						<p>Further to the submission deadline set on 8 September 2021 per Bid Bulletin No. 19, we humbly submit our request for an extension of the submission deadline by two and a half (2.5) months from 8 September 2021 to 22 November 2021.</p> <p>The above request is made due to the below reasons:</p> <ul style="list-style-type: none"> Addendum 4 was electronically received on 16 August 2021, which is 3 weeks or equivalent fourteen (14) working days prior to the submission deadline. Addendum 4 includes updates on the BOQ and changes in contract conditions, among others. More time is required to assess these changes for a fully responsive bid submission on Client's requirements. ECQ is currently being imposed in Metro Manila from 6-20 August 2021, and an extension of the ECQ is likely beyond 20 August 2021 due to increasing cases in Metro Manila and nearby areas. During the ECQ period, limited information is available from the market due to closure of non-essential businesses. Subsequently, mobility restrictions will affect the conduct of further site visits. We have about 44 queries pending client responses, which are critical to our submission. These include documentary requests and CAD files for previous addenda issued, among other technical clarifications. <p>The above cited reasons are critical to progress our tender preparations.</p> <p>Hoping for your consideration on the above request.</p>	Bidder is referred to GBB 26.	Closed		Yes	26
10	Vol. 1	Section 3 Evaluation and Qualification Criteria	66/76	2.3.2 Average Annual Construction Turnover	<p>Minimum average annual construction turnover of US Dollars Two Hundred Million (200,000,000) calculated as total certified payments received for contracts in progress or completed, within the last five (5) years.</p> <p>Note: the number of JV partners shall be limited to three (3).</p>	<p>The bidder notes an additional requirement that limits total number of JV partners is given by Addendum No.2.</p> <p>The bidder would remind the Employer of the complex nature of this Project and and its various scope of works which require specialty, inter alia, tunneling works, large scaled earthworks, diaphragm wall, soil improvement, building & architectural works, and MEPFS works.</p> <p>In order to secure quality and competitiveness of the bid, it is imperative for the bidder to make the maximum use of strength among contractors and specialists. Therefore, please ease the requirement by allowing at least 4 JV partners for benefit of the Project.</p>	Bidder's request is declined.				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
11	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3033 NSRP-DWG-FTI-AR-3129		A discrepancy is noted on Floor Finishes indicated between Plan and Schedule of Finishes for Plant Building rooms; SER - FF8 on Plan but FF9 in Schedule of Finishes SUR - FF9 on Plan but FF7 in Schedule of Finishes TER - FF8 on Plan but FF7 in Schedule of Finishes. Service Corridor - FF17 in plan but F13 in Schedule of Finishes (No FF 17 in the revised Schedule) Please provide the correct Floor Finishes.	Schedule of Finishes for Plant bldg: SER - FF8 SUR - FF9 TER - FF8 SERVICE CORRIDOR - FF2&FF13 Kindly refer to NSRP-DWG-FTI-AR-3033, rev. 21.3 provided with Bid Addendum 3 for the correct finishes. Any discrepancies in drawing NSRP-DWG-FTI-AR-3129 will be amended and provided with the IFC drawings				
12	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3033 NSRP-DWG-FTI-AR-3566		A discrepancy is noted on Wall Finishes indicated between Plan and Schedule of Finishes for Plant Building; Interior Wall - WF3 in Plan but WF2 in Schedule of Finishes. Please provide the correct Wall Finishes.	Schedule of Finishes for Plant bldg: WF3 - All interior walls of Plant Bldg. WF10 - Exterior Wall Paint, refer to TS 500, item 548 Kindly refer to NSRP-DWG-FTI-AR-3033, rev. 21.3 provided with Bid Addendum 3 for the correct finishes. Any discrepancies in drawing NSRP-DWG-FTI-AR-3566, 3567,3568,3569,3570 will be amended and provided with the IFC drawings				
13	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3124 NSRP-DWG-FTI-AR-3127	Refer to Query 3 attachment 	A discrepancy is noted on Floor Finishes indicated between Plan and Schedule of Finishes for Emergency Staircases; FF5 - on Plan but FF6 in Schedule of Finishes. Please provide the correct Floor Finishes.	Floor Finishes for Temporary Emergency Staircase Exit: FF6 : 300 x 600 x 30mm thk. Flamed Granite stone with Non-skid rubber on Aluminum nosing. Refer to NSRP-DWG-FTI-AR-3033, rev. 21.3 provided with Bid Addendum 3 for the correct finishes. Any discrepancies in drawing NSRP-DWG-FTI-AR-3126,3127,3124, 3525, will be amended and provided with the IFC drawings				
14	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3124	Refer to Query 4 attachment 	A discrepancy is noted on Floor Finishes indicated between Plan and Schedule of Finishes for Pedestrian Overpass; FF5 - on Plan but FF6 in Schedule of Finishes. Please provide the correct Floor Finishes.	Floor Finishes for Overpass: FF6 : 300 x 600 x 30mm thk. Flamed Granite stone with Non-skid rubber on Aluminum nosing. Refer to NSRP-DWG-FTI-AR-3033, rev. 21.3 provided with Bid Addendum 3.				
15	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3034 NSRP-DWG-FTI-AR-3128 and Bill No 5	Refer to Query 5 attachment 	The following External Wall Finishes is required for Pedestrian Overpass and FTI Temporary Emergency Stair Exit; WF9 Wall: T=4mm Aluminum Composite Material (ACM) with Photocatalyst & FEVE/PVDF (Polyvinylidene Difluoride) Coating and Mineral Fiber Core (Fire Rated) as indicated on Plans, and WF 10 Semi gloss latex paint on wall indicated on Schedule of Finishes Both items are missing in the BOQ (Bill No 5). Please clarify.	PIN 522(4) --- WF9 Wall: T=4mm Aluminum Composite Material (ACM) with Photocatalyst & FEVE/PVDF (Polyvinylidene Difluoride) Coating and Mineral Fiber Core (Fire Rated) is included in the BOQ provided with Bid Addendum 6. The pay item used for the exterior wall finishes of Pedestrian Overpass and Temporary Emergency Stair Exit is PIN 548(12) --- Water based Elastomeric Paint (Coating for Exterior Wall) as indicated in NSRP-DWG-STA-AR-3503, rev 21. FTI Temporary Emergency Stair Exit : Painted Plaster with Elastometric Paint and cladded by 4mm thk Aluminum Composite Material with coating on metal frame. Refer to NSRP-DWG-STA-AR-3503, rev 21.				
16	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3034 NSRP-DWG-FTI-AR-3643		A discrepancy is noted on External Wall Finishes indicated between Plan and Schedule of Finishes for Temp Emergency Exit, Plant Building; External Wall - Elastomeric Coating for Heat reflective, weather shield waterproofing on Plan but WF10 Semi gloss latex paint on wall in Schedule of Finishes Please provide the correct External Wall Finishes.	Temp. Emergency Exit : TI Temporary Emergency Stair Exit : Painted Plaster with Elastometric Paint and cladded by 4mm thk Aluminum Composite Material with coating on metal frame. Refer to NSRP-DWG-STA-AR-3503. Plant Bldg : WF10 -Exterior Wall Paint, refer to TS 500, item 548; External Wall - Elastomeric Coating for Heat reflective, weather shield waterproofing.				
17	Addendum 2 CP S-03B_FTI_AR			NSRP-DWG-FTI-AR-3021		Please provide reference drawing details for WT-9 Exterior wall height.	Kindly refer to NSRP-DWG-STA-AR-3509,rev. 21 WALL TYPE-9 , Exterior wall height : 1.10m, NSRP-DWG-FTI-AR- 3571, rev. 21.3 as provided with Bid Addendum 3.				
18	Volume 2, Part II, Drawings			NSRP-DWG-VIA03B-RD-2002 and RD-2012 NSRP-DWG-VIA03B-RD-3011 to RD-3013		General Notes 5.0 Others, Item 5.7 mentioned " Indicative layout of the Fence and Gates are shown on the drawings The Contractor should verify these layout according to site requirement and submit construction drawings for approval...". The Gates are missing in the indicative layout. Please provide the locations and the number of required gates.	The locations of the two gates are at Sta.18+360 in NSRP-DWG-VIA03B-RD-3011 Rev.21 and at Sta.18+540 in NSRP-DWG-VIA03B-RD-3012 Rev.21.3 provided with Bid Addendum 3.				
19						Please clarify if the current station reference design scheme has been sized with adequate clearance within all station. That front of house Paid and Unpaid areas in compliance with an agreed Level of Service (LOS) as verified by a Passenger Flow Analysis based on ultimate passenger ridership figures.	Yes, Bidder's understanding is correct The FTI station is a common station. The LOS is compliant based on the Normal and Delayed Operations Calculation.				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
20						Please confirm if Track Exhaust and Supply systems are required at the station	Both system are not provided in trackway, however, it is necessary to consider to exhaust the smoke in the event of incident there based on the simulation that is required in ODS.				
21						Please clarify on how the TVS fans near the tunnel shaft (gridline C/D-55-57) will meet the redundancy requirement e.g. If the northbound fan fails, the southbound fan currently in the design cannot supply air to the northbound tunnel.	Bidder is referred to the Outline Design Specification and relevant Underground Technical Specifications as well as the GS Appendix 4 Contractor's Interface Coordination with Others. For a detailed demarcation, Bidder to refer to the Scope of works in Bid Addendum 3.				
22						The following ACMV CAD DWGs are missing please provide: - VAC Air Side - NSRP-DWG-FTI-VAC-2103 - CHW side - NSRP-DWG-FTI-VAC-2101 - Tunnel Vent (both PDF and CAD are missing) - VRF Schematic - NSRP-DWG-FTI-VAC-2102 - Staircase Pressurization - NSRP-DWG-FTI-VAC-2115	- The CAD file of NSRP-DWG-FTI-VAC-2103 is included with inter alla NSRP-DWG-FTI-VAC-2101, NSRP-DWG-FTI-VAC-2102, NSRP-DWG-FTI-VAC-2109 and NSRP-DWG-FTI-VAC-2115 which are included in P2_S6_H(D)DWG_31Mar2021_14_MEP_FTL - All CAD files can be downloaded with the link provided in GBB#6. - It is unclear to which drawings Bidder is referring regarding Tunnel Vent.				
23	CP S-03b Vol 2 Part II Sec 6 ID1 Outline Design Specification 20210408, and DRG.NO. NSRP-DWG-FTI-TUN14-2101				"...200m intervals or less..." VS "...244m..."	Please confirm The discrepancy of Hose valve spacing, outline specification shows 200 m intervals or less, and DRG.NO. NSRP-DWG-FTI-TUN14-2101 shows 244 m.	As for the priority, the specifications are higher than the drawings. Bidder has follow these priority to the description in the ODS. The drawings will be amended after award.				
24						Please confirm if there will be any tunnel jet fans at the southern tunnel portal where the rail track will connect to PNR future track.	There are no jet fans required at the southern tunnel portal.				
25						Due to the potential for a valid incident ventilation response to move smoke past (and engulf) a non-incident train, the best protection to passengers is to allow no more than one train in a ventilation zone. The bored tunnels between FTI and Senate is over 4km, depending on the train operation headway, which normally would require an intervention/vent shaft for tunnel ventilation and for emergency escape. Please clarify.	The design shall follow NFPA requirements and local guidelines, and allow no more than one train in a ventilation zone. The tunnel sizing and evacuation / fire strategy is the responsibility of the scheme design designer. The obligation of design and build are only for the provision of finishes and detailed design of MEP. Bidder is referred to the demarcation drawings and memorandum as provided in an appendix to the Scope of Works in Bid Addendum 3.				
26						Please confirm the design headway for the train operations.	FTI Station shall be built as per the following approximate number of trains per hour (TPH) requirements: 1. FTI At-Grade: 11 TPH 2. FTI Underground: 6TPH				
27	NSRP-AL-CE-001 to NSRP-AL-CE-010					Alignment drawings NSRP-AL-CE-001 to 010 shows part of the vertical alignment gradient is greater than 3.5%, up to 34%. Passenger trains typically have gradient limit of no more than 3.5%. Please clarify.	The unit of the gradient is 1 in 1000. It is shown as % and not %.				
28	NSRP-DWG-FTI-FPS-2201					Reference design drawing NSRP-DWG-FTI-FPS-2201 shows 1500mm tunnel fire pipe. Based on NFPA14 requirement for 3 No. hoses running simultaneously, pressure loss for a 150mm pipe is high. Please confirm if we were to adopt 150mm pipe size.	This drawing is for reference only, and the scope of work is part of the design build portion.				
29	CP S-03b Vol 2 Part II Sec 6 ID1 Outline Design Specification,			clause 23.3.4.2		The design specification CP S-03b Vol 2 Part II Sec 6 ID1 Outline Design Specification, clause 23.3.4.2 - Fire Water Tank and Fire Pump Room, and ID2 UTS MEP 1100-1200, Codes and Regulations refer to NFPA and Local Codes i.e. NFPA13/14, Philippines Code RA9514, National Building Code of Philippines or Philippines Mechanical Engineering Code which are applicable to this project. Please confirm, for the sizing of the combined sprinkler and standpipe water storage system, which fire code does the project need to comply with. The storage tank sizing methods vary with these different codes.	As stipulated in the ODS, Bidder is to comply with the Fire Code of Philippines				
30						Please confirm if Linear Heat Detection system is required in the tunnel and station.	The Linear Heat Detection System (LHDS) is included in the scope of CP106. The LHDS shall interface to Civil packages Fire Alarm system. The station requires only heat detectors.				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
31	Vol 1A Section 4A BOQ Bills Addenda2					The at grade BoQ for MEPF construct only was provided in the bid docs. Please provide the basis of BoQ quantification considered that delineates the boundary between At grade and Underground MEPF works.	<p>The bidder is referred to GBB No.25, Addendum No.5, Section 6, 1A - Scope of Works, Sub-section 2.4 - Mechanical and Electrical Works (At Grade) and Sub-section 2.6 Mechanical and Electrical Works (Underground) as well as the demarcation drawings and memorandum attached to the Scope of Works.</p> <p>Furthermore, Bidder is referred to following drawings considered in the MEPF BoQ Bill 6b for the delineation boundary between at grade and underground.</p> <p>NSRP-DWG-FTI-ME-5661_Rev. 21.2 NSRP-DWG-FTI-ME-5662_Rev. 21.2 NSRP-DWG-FTI-ME-5670_Rev. 21.2 NSRP-DWG-FTI-ME-5676_Rev. 21.2 NSRP-DWG-FTI-SN-6123_Rev. 21.2 NSRP-DWG-FTI-SN-6124_Rev. 21.2 NSRP-DWG-FTI-SN-6129_Rev. 21.2 NSRP-DWG-FTI-FS-6636_Rev. 21.2</p>				
32	Vol 1A Section 4A BOQ Bills Addenda2					Please provide the format of Underground MEPF BoQ if there is any Employer's preference of the format.	<p>Bidders are requested to provide a detailed breakdown together with the Bid Submission in addition to the Price Schedules.</p> <p>Employer is allowed to request for a more detailed break down of the items in the Price Schedule during the Bid Evaluation.</p>				
33	P2 S6 II(DWG) 31 Mar202114_MEP_FTI (MEP UG Drwgs) 106-107/164					Please confirm the requirement to provided septic vault prior to entry of influent into the waster water treatment plant.	The septic tank is provided since there is no waste water treatment plant. If there a waste water treatment plant will be developed and will have the performance to intake the waste water of station, it is not necessary to provide the septic tank.				
34	Vol II Part 2 Section6 IC TS 600					Please confirm if the requirement of geothermal cooling system is applicable in this tender package	This is not required.				
35	Vol II Part 2 Section6 ID1, Outline Design Specification Appendix 1A					Please advise the operation hours of the VAC system.	The VAC system should be designed for 24 hours operation however, actual operation hours will be advised later as per room requirements.				
36	Vol II Part 2 Section6 ID1, Outline Design Specification Appendix 1A					Please provide the heat dissipation rate of the equipment at the general room areas	The Contractor shall provide the heat dissipation calculation to justify the requirements. The exact details need to be coordinated with the Engineer upon award.				
37	Vol. 3 PCC		16/62	14.2 Total Advance Payment	One instalment of Fifteen Percent (15%) of the Accepted Contract Amount payable in the currencies and proportions in which the Accepted Contract Amount is payable.	Please be informed that the TBM's for this project is not standart diameter and needs to be manufactured specially for this project. Therefore the cost of the TBM's will be costly, with reference to this issue we kindly request you to increase the total advanced payment from 15% to 20% please.	Bidder's request is rejected				
38	Addendum 2 & Addendum 3		20/65 of Addendum 2 Sec. 4 & 47/72 of sec 2 & Addendum 3 Minimum Key personnel list	Key Personnel List	Addendum 2 - Key Personnel List & Addendum 3 Key Personnel List 19 Design Interface Manager 20 Electromagnetic Specialist	With reference to the Addendum 2, two key personnels were added to the tender documentation namely: Design Interface Manager and Electromagnetic Specialist. However there ker personnels were not mentioned in thew addendum 3, and also not mentioned as removed from the documentation in the Monitoring list of addendum 3. Our understanding is these items of personnels were removed from the key personnel list and the bidder does not have to submit these personnels CV's, diplomas, etc. with their bid. Please confirm.	Please refer to Bid Addendum No. 5 for the details.				
39	Addendum 2 10_Volume 2_Book 3_Underground		1/1	Tunnel Line under CP-S03B in the Senate Station.	As per the drawing NSRP-UT-CE-GN-0003 TBM ARRANGEMENT of addendum 2	With reference to the mentioned drawing, the bidder sees another underground tunnel line right under the TBM approach to the Senate station. Since the Shields of the TBM was asked to be left in the Tunnel near the Senate station, there must be a special method for leaving the TBM shield in the entrance side of the tunnel near Senate Station. However the tunnel line is directly effecting the execution of this special method in the entrance of the retrieval shaft. Therefore we kindly request from you that if the other Tunnel line under the CP-S03B will exist in the TBM excavation and retrieval period or not.	<p>Bidder refers to the tunnel connection between Senate Station and Terminal 3 at NALA.</p> <p>This tunnel connection will be carried out before the TBM works between FTI and Senate Station, or in other words it will exist already.</p>				
40	General					Project technical specifications, ODS at different places in different documents refers to combinations of Local codes, Japanese codes and NFPA 130 for fire protection system design. While looking at the fire system for above level in FTI stations the design appears a NFPA 130 style. Hence we feel the below ground design shall also follow the same strategy and to be designed as per NFPA 130.	The design shall follow NFPA requirements and local guidelines.				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (G/B No.)
41	Addendum-3, 06_Vol 2 ODS "CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bid Addendum 3 20210723				The Clean Agent Fire Suppression System shall be, unless otherwise specified, minimum design concentration of thirty-eight point five (38.5) % (Inergen) conforming to NFPA-2001	The package CP S03-b has used Inergen clean agent for the critical rooms. This system is very bulky and requires lot of cylinders and space. The Addendum-3, 06_Vol 2 ODS "CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bid Addendum 3 20210723" specifies under section 1239 that "The Clean Agent Fire Suppression System shall be, unless otherwise specified, minimum design concentration of thirty-eight point five (38.5) % (Inergen) conforming to NFPA-2001." Can we adopt alternative clean agent options which is also inline with NFPA 2001 .	The Bidder needs to submit a Substantially Responsive Bid which conforms to all the terms, conditions and specifications in the bidding documents without material deviations, reservation or omission. After the award the Contractor is allowed to propose alternatives. Any proposed alternative shall be reviewed and is subject to approval by the Engineer				
42	Tunnel Ventilation System					What is the provision of Tunnel Ventilation Fan on the south side of Senate station (Contract CP-108)	The provision of Tunnel Ventilation Fan of CP108 is based on the SES. Bidder is referred to the Outline Design Specification and relevant Underground Technical Specifications as well as the GS Appendix 4 Contractor's Interface Coordination with Others. For a detailed demarcation, Bidder to refer to the Scope of works in Bid Addendum 3. It will be the responsibility of the contractor's designer to liaise with the adjacent designer as part of his design obligations during the development of the detailed design and final designs.				
43	Tunnel Ventilation System					What is the Train operation peak Headway between Senate and FTI?	FTI Station shall be built as per the following approximate number of trains per hour (TPH) requirements: 1. FTI At-Grade: 11 TPH 2. FTI Underground: 6TPH				
44	Tunnel Ventilation System					The tunnel between Senate and FTI station is very long (~3640m). Is there any provision of intermediate ventilation shaft between Senate and FTI? How many trains per ventilation zone shall be considered in the design (noting the fact that NFPA 130 strongly recommends "one train per ventilation zone")?	The design shall follow NFPA requirements and local guidelines and allow no more than one train in a ventilation zone. The tunnel sizing and evacuation / fire strategy is the responsibility of the scheme design designer. The obligation of design and build are only for the provision of finishes and detailed design of MEP. Bidder is referred to the demarcation drawings and memorandum as provided in an appendix to the Scope of Works in Bid Addendum 3 .				
45	Tunnel Ventilation System					Please advise about rolling stock peak fire heat release rate for which TVS has to be designed.	As per Preliminary Train data , the Heat Release rate for the Train fire in the Tunnel is assumed as 5 MW.				
46	Tunnel Ventilation System					Please advise about heat rejection rate (due to braking/propulsion and air conditioning units) per car?	Please note from the Preliminary Data of the train the total heat rejected by condensers is approximately 93040 W. For propulsion, there are 4 motors for each powered car. The Regenerative Braking Details of the train are not available yet and will be provided upon award. The Bidder is required to assume the percentage as indicated in SES Software.				
47	Tunnel Ventilation System					Please advise about rolling stock geometrical parameters (Area, perimeter, length etc)	As per Preliminary Train Data currently available Total length of the train = approx. 200 m excluding overhangs Frontal Area of Train = approx. 11.93 sqm = 2.95 mx4.045m(1) Perimeter = approx. 14.00 m				
48	Tunnel Ventilation System					The following is needed to estimate the size of station VAC and Tunnel Ventilation System (TVS) equipment for Bidding purpose: -Train weight empty -Number of passengers -Headways - Train running curve showing speed versus distance - Regenerative effectiveness- Train A/C capacity (per car and per train)	The detailed performance of the trains will be provided by the rolling stock suppliers. This information shall not be available until after contract award where necessary. The Bidders are to make reasonably assumptions. Those assumptions need to be included in the Bidder's Bid Submission / Implementation Proposals and it will be verified if these assumptions are reasonable during the Bid Evaluation.				
49	P2_S6_H(DWG)_31Mar2021_04_Civil_FTI		page 20 -24			Looking at "P2_S6_H(DWG)_31Mar2021_04_Civil_FTI" page 20 -24, it seems that there are two phases of the project, Phase 1 and Phase 2. In fact, on the southern side of FTI station, there seems to be four track running in the tunnel in the cut/cover box. Please clarify the civil alignment and also if TVS to be designed for Phase 2 as well or not. Will there be a dead end at the end of phase 2?	Yes, the civil works in the cut and cover section are prepared and based on a possible phase 2 in the future. The future TBM works connecting the cut-and cover section for Phase 2 are not part of the scope. However, Contractor is responsible that the underground station and cut-and-cover section is in compliance with the codes including the Fire Code of Philippines.				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
50	Volume 2 Drawings/underground drawings			DRG NO.-NESRP-DWG-FTH-ELL-2011-Power Distribution block diagram	"Generator Set by others"	Please confirm that no any permanent Diesel Generator included in our scope.	The scope of Diesel Generator is the scope of CP106				
51	Volume 2 Drawings/underground drawings			DRG NO.-NESRP-DWG-FTH-ELL-2011-Power Distribution block diagram		Please confirm that following Electrical subsystems to be calculated in underground portion: 1.Main Distribution Board (MDB) 2.Power factor Correction equipment 3.Sub Main Distribution Board (SMDB) 4.Motor Control Center (MCC) 5.Panelboards 6.UPS	Yes, it is included in the scope of work				
52	Volume 2 Drawings/underground drawings			DRG NO.-NESRP-DWG-FTH-ELL-2011-Power Distribution block diagram		Space provision for the Electrical Substation within the tunnel is not observed in the received documents. We shall require LV substation at strategic locations (approx. 3 to 4) along the Tunnel in order to meet the voltage drop criteria. We need confirmation on the following: The Substation equipments (MV switchgear, Transformer) and MV cables dedicated for Tunnel shall be under the Railway system contract scope. We will consider on the LV distribution equipments in the BOQ.	Confirmed, the bidder's understanding is correct.				
53	Addendum 3/Volume 2 TS CP S-03b Vol 2 Part II Sec 6 IC TS 700 Electrical Works Bid Addendum 3 20210722.		TS 700 -96	708.5.1 Method of Measurement/ 1g	All other labors,equipment, tolls, consumables and incidentals required to complete the Work	Please confirm that cables/wires and conduits needed to lighting installation to be calculated/paid under 703 "Wires and Cables" and 707 "Conduit and Cable Tray"	Confirmed, the bidder's understanding is correct. Bidder is referred to the revised BOQ as provided with Bid Addendum 6.				
54	Addendum 3/Volume 2 TS CP S-03b Vol 2 Part II Sec 6 IC TS 700 Electrical Works Bid Addendum 3 20210722.		TS 700 - 97	708.5.1 Method of Measurement/ 2a	All other labors,equipment, tolls, consumables and incidentals required to complete the Work	Please confirm that cables/wires and conduits needed to Switches and Receptacles installation to be calculated/paid under 703 "Wires and Cables" and 707 "Conduit and Cable Tray"	Confirmed, the bidder's understanding is correct. Bidder is referred to the revised BOQ as provided with Bid Addendum 6.				
55	Addendum 3/ Volume 2 SOW/ CP S-03b Vol 2 Part II Sec 6 IA. Scope of Works Bid Addendum 3 20210722		ER 24	2.6.1 Station Electrical System	The Scope includes the Underground Station and Tunnel up to Senate Station. The Mechanical and Electrical Works (Underground) are part of the Design & Build scope. 2.6.1 Station Electrical System Station Electrical System should be constructed as below, but need not be limited to: The CP S-03b Scope includes - LV Power Supply System - Lighting Fixtures System - Socket Outlet (Receptacle) System - Grounding System - Lightning Protection System - Fire Detection and Alarm System - Building Management System (BMS)	Please confirm that following electrical systems are not in underground Station and Tunnel scope of work. -Access control system -Diesel Generator -UPS	The Access control system and UPS are included in the scope. Diesel Generator is provided by others.				
56	Addendum 3/ Volume 2 SOW/ CP S-03b Vol 2 Part II Sec 6 IA. Scope of Works Bid Addendum 3 20210722		ER 24	2.6.1 Station Electrical System	The Scope includes the Underground Station and Tunnel up to Senate Station. The Mechanical and Electrical Works (Underground) are part of the Design & Build scope. 2.6.1 Station Electrical System Station Electrical System should be constructed as below, but need not be limited to: The CP S-03b Scope includes - LV Power Supply System - Lighting Fixtures System - Socket Outlet (Receptacle) System - Grounding System - Lightning Protection System - Fire Detection and Alarm System - Building Management System (BMS)	Please confirm that following electrical systems are in underground Station and Tunnel scope of work. -Conduit Cable Trays -Wires and Cables -Emergency lighting	Bidder's understanding is correct.				
57	Addendum 3/ Volume 2 SOW/ CP S-03b Vol 2 Part II Sec 6 IA. Scope of Works Bid Addendum 3 20210722		ER 24	2.6.1 Station Electrical System	The Scope includes the Underground Station and Tunnel up to Senate Station. The Mechanical and Electrical Works (Underground) are part of the Design & Build scope. 2.6.1 Station Electrical System Station Electrical System should be constructed as below, but need not be limited to: The CP S-03b Scope includes - LV Power Supply System - Lighting Fixtures System - Socket Outlet (Receptacle) System - Grounding System - Lightning Protection System - Fire Detection and Alarm System - Building Management System (BMS)	Please inform that which underground structures are needed to Lightning Protection System	This is not required for underground structures				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (G/B No.)
58	Addendum 3/ Volume 2 SOW/ CP S-03b Vol 2 Part II Sec 6 IA. Scope of Works Bid Addendum 3 20210722		ER 24	2.6.1 Station Electrical System	The Scope includes the Underground Station and Tunnel up to Senate Station. The Mechanical and Electrical Works (Underground) are part of the Design & Build scope. 2.6.1 Station Electrical System Station Electrical System should be constructed as below, but need not be limited to: The CP S-03b Scope includes - LV Power Supply System - Lighting Fixtures System - Socket Outlet (Receptacle) System - Grounding System - Lightning Protection System - Fire Detection and Alarm System - Building Management System (BMS)	Please specify that whether Linear Heat Detection system or Fire Alarm system is required for tunnel sections	The Linear Heat Detection System (LHDS) is included in the scope of CP106. The LHDS shall interface to Civil packages Fire Alarm system. The station requires only heat detectors.				
59	Addendum 3/ Volume 2 SOW/ CP S-03b Vol 2 Part II Sec 6 IA. Scope of Works Bid Addendum 3 20210722		ER 24	2.6.1 Station Electrical System	The Scope includes the Underground Station and Tunnel up to Senate Station. The Mechanical and Electrical Works (Underground) are part of the Design & Build scope. 2.6.1 Station Electrical System Station Electrical System should be constructed as below, but need not be limited to: The CP S-03b Scope includes - LV Power Supply System - Lighting Fixtures System - Socket Outlet (Receptacle) System - Grounding System - Lightning Protection System - Fire Detection and Alarm System - Building Management System (BMS)	Please confirm that BMS system will control and monitor the Tunnel ventilation system as well	Yes. Please refer to ODS 23.3.2.4. The comprehensive control and monitoring between station and OCC at DEPOUT should be coordinated with the CP106 contractor				
60	Addendum 3/ Volume 2 SOW/ SOW Appendix 3 Demarcation FTI Station drawings 20210722			FTI Station Cross section 1 & 2. NSRP-STN-AR-A-FTI-1300		Please confirm that all the Mechanical and Electrical works of shown/colored as "MMSF Archi (Design and build)" sections are to be calculated/paid in underground/lump sum of BOQ even they are located above ground such as 2F Level of NSRP building.	The Design and Build portion will be paid in accordance with the Price Schedule. Bidder is referred to the Preamble to Price Schedules include in the Section 4A of Volume 1A.				
61	Drawings		38/103	D-Wall Drawings	Reference to the Drawings UG Drawings	The bidder sees that the socketing of the D-wall seem only 1600 mm deep, however normally these sockets must be half the length of the effective D-wall length. Please clarify in case these socketing will be more than the tender drawings, it will be paid by the unit prices of the D-Walls. or Please clarify if the Employer is considering these socketing as a temporary structure to be designed by the contractor?	Temporary measures, including any increase to the diaphragm wall embedment length for the stability of excavation shall be proposed and conducted by the bidder/contractor. Bidder shall provide details to demonstrate their proposed methods and scope within the bid submission. The bid price shall be deemed to include all temporary measures to complete the work.				
62	Add3/Volume 2 ODS/ CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bid Addendum 3 20210723 .pdf		9	Tunnel Ventilation System		In order to design our TVS we kindly request you to supply the information about the existing Tunnel Ventilation Fans' properties like capacity, pressure etc. which are located in the Senate Station.	Bidder is referred to the Outline Design Specification and relevant Underground Technical Specifications as well as the GS Appendix 4 Contractor's Interface Coordination with Others. For a detailed demarcation, Bidder to refer to the Scope of works in Bid Addendum 3. It will be the responsibility of the contractor's designer to liaise with the adjacent designer as part of his design obligations during the development of the detailed design and final designs.				
63	Volume 3/TS/CP S-03b Vol 2 Part II Sec 6 C. TS 700 Electrical Works Bid Addendum 3 20210722.pdf			705.4.3 TS700-60 Coordination of Work, item 9	"the specified voltage drop or maximum distance limitations, and 5% maximum for feeders and branches (3% maximum on either feeder or branch)."	Since the tunnel section is too long to feed the complete electrical loads from FTI station due to required voltage drop criteria, we advice to choose one of following solutions. Please advice. -Half of the tunnel electrical loads should be fed from Senata station. (which is not in our scope) (Even choosing this solution lonely may not enough) -3 or 4 substations to be added in tunnel sections -Some step up and step down transformer and panels which will be located in widend crosspassages should be used	TS 700 applies for the Build Only Scope. The Specifications that apply for the Design and Build Scope are the ODS and the following specifications: - UTS CIVIL 100-200-300-500-600-700 - UTS ARCH 800-900-1000-1800 - UTS MEP 1100-1200				
64	Volume 2/Underground drawings/P2_S6_BID(DWG)_31Mar2021_14_MEP_FT1.pdf		page no 112. dwg no: NSRP-DWG-FTI-ELL-2004-FTI	Station Electrical LV Schematic Diagram (Sheet 4)		Only two tunnel DB panels are exist on the drawings and they are fed with 400V power supply. Please be informed that number of those panels are not enough to feed complete electrical loads in tunnel and it is not possible to fed from 400V power supply within such a long tunnel. Please advice.	It is included in the scope of Design and Build portion.				

No.	Vol	Sec	Page No	Clause No/Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (G/B No.)
65	Add3/Volume 2 SOW/SOW Appendix 3 Demarcation FTI Station memorandum 20210722.pdf and Add3/Volume 2 ODS/ CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bal Addendum 3 20210723.pdf		page 4 Telephone and Broadband Distribution System -And page 9 Communication and Information System		on the referred memorandum doc: "The Contractor shall provide a block wiring system within each station, OCC which shall connect the telephone and data equipment (if required further at any point of time). The block wiring system shall consist of MDF, IDF, socket outlets and cabling from central equipment to extensions through MDF and IDF. The MDF and IDF shall be of the type acceptable to the local Telecom authority outlets (RJ 45/RJ11 suitable for voice & data connectivity) should be submitted." "on the referred ODS doc: "Other communication system such as the telephone system, LAN system at unpaid area and public area will be provided by the cellular phone service provider. However, the provision for their services such as duct for main trunk line, etc. shall be provided by the building M&E works under the close coordination with them. Telephone system, Wi-Fi, MATV and other will be provided by the telephone services providers. Accordingly, the detailed coordination to accommodate their requirements for their installations shall be required."	There are contradiction between referred docs. One says contractor shall provide the Telephone and Broadband Distribution systems and other doc. says only some provisions are required. Please clarify.	Bidder should follow the Outline Design Specifications.				
66	Add3/Volume 2 SOW/SOW Appendix 3 Demarcation FTI Station memorandum 20210722.pdf and Add3/Volume 2 ODS/ CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bal Addendum 3 20210723.pdf		page 4 Local Area Network (LAN) -And page 9 Communication and Information System		on the referred memorandum doc: "A dual Ethernet based Station LAN shall be provided for the communication between the BMS servers, the operator workstations, Programming and Maintenance Terminals, DDC/PLC and interface points." "on the referred ODS doc: "Other communication system such as the telephone system, LAN system at unpaid area and public area will be provided by the cellular phone service provider. However, the provision for their services such as duct for main trunk line, etc. shall be provided by the building M&E works under the close coordination with them. Telephone system, Wi-Fi, MATV and other will be provided by the telephone services providers. Accordingly, the detailed coordination to accommodate their requirements for their installations shall be required."	There are contradiction between referred docs. One says contractor shall provide the Local Area Network systems and other doc. says only some provisions are required. Please clarify.	The Local Area Network system is part of the BMS and is included in the scope.				
67	Add3/Volume 2 SOW/SOW Appendix 3 Demarcation FTI Station memorandum 20210722.pdf and Add3/Volume 2 ODS/ CP S-03b Vol 2 Part II Sec 6 ID2 UTS MEP 1100-1200 Bal Addendum 3 20210723.pdf		page 5 Master Antenna Television System (MATV) - And page 69 section 1111.2.1 Materials and Equipment		on the referred memorandum doc: "A dual Ethernet based Station LAN shall be provided for the communication between the BMS servers, the operator workstations, Programming and Maintenance Terminals, DDC/PLC and interface points." "on the referred ODS doc: "in Master Antenna Television System by Telephone Service Providers."	There are contradiction between referred docs. One says contractor shall provide the Television systems and other doc. says "by Telephone Service Providers". Please clarify.	The dual ethernet based station LAN between the BMS servers is part of the BMS and is included in the scope.				
68	Add3/Volume 2 SOW/SOW Appendix 3 Demarcation FTI Station memorandum 20210722.pdf		1	Demarcation of Design & Build Scope of Works	"Note: The descriptions below corresponds with the Design Build sections as depicted in Orange in the Demarcation Drawings"	Please confirm that following systems are mentioned on referred memorandum doc. are to be installed only for "design and built" section (commonly underground sections) of projects and not to be installed for "only built" sections (commonly at grade sections) -Telephone and Broadband Distribution System -Local Area Network (LAN) -Master Antenna Television System	Bidder's understanding is correct.				
69	Volume2 underground drawings/ P2_S6_IDWG)_31Mar2021_04_Civil_FT1.pdf"		page 20 -24			There is a small tunnel section which is named phase 2.(Future connection) Please confirm that no any mechanical and electrical services are required for this phase 2 tunnel.	Yes, the civil works in the cut and cover section are prepared and based on a possible phase 2 in the future. The future TBM works connecting the cut-and cover section for Phase 2 are not part of the scope. However, Contractor is responsible that the underground station and cut-and-cover section is in compliance with the codes including the Fire Code of Philippines.				
					If the key activity is to be undertaken by a Specialist Subcontractor, the Employer shall require evidence of the subcontracting agreement from the Bidder. ... Underground Tunnel and Station – Design At least one (1) detailed design experience for Underground Tunnel and an Underground Station according to regulations of National Fire Protection Association 130 or equivalent international standards	The Bidder has plenty experiences in detail design for underground tunnels and/or underground stations. However, the Bidder's experiences are limited to foreign standard other than international standards (e.g. NFPA 130). Complying the requirement, the Bidder has tried to arrange a pre-bid agreement with a qualified design consultant but found it unattainable on the aspect that all the local consultants have no experience in either TBM tunnel or underground station project, and that a minority of international consultants are satisfying the requirement but turned out unavailable at the moment due to various reasons such as conflict of interest, heavy workload, etc. Moreover, the Bidder would draw the Employer's attention to the fact that arranging a subcontracting agreement in tender stage may result cost impact on bidders' price proposal.					

No.	Vol	Sec	Page No.	Clause No/Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
70	Vol. 1	Section 3 Evaluation and Qualification Criteria	EQC25	2.4.2 Construction Experience in Key Activities		<p>(Continue)</p> <p>Therefore, the Bidder would like to request the Employer to reconsider alleviating the referred requirement by allowing bidders to submit a list of potential consultants who are qualified as per the current requirements, instead of a subcontracting agreement. The selection of consultant shall be subject to approval of the Employer in the execution stage accordingly.</p> <p>In the light of the foregoing, please consider easing the requirement as follows:</p> <p>1. Underground Tunnel and Station – Design Design At least one (1) detailed design experience for Underground Tunnel and an Underground Station according to regulations of National Fire Protection Association 130 or equivalent international standards. In case that the bidder wishes this key activity to be undertaken by a Specialist Subcontractor, the bidder shall submit subcontracting agreement or a list of potential Specialist Subcontractors.</p>	Bidder's request is declined.				
1	Vol. I.	Sec. 2.	BDS 5	ITB 22.1	<p>--XXXX</p> <p>The deadline for Bid submission is: Date: 3September 2021 Time: 10:00 AM"</p>	<p>With consideration of the guidelines of the Inter-Agency Task Force on Emerging Infectious Disease and the Department of Health, uncertainties are posed by the issuance of the Enhanced Community Quarantine.</p> <p>In this light, we humbly request for an extension of the deadline for Bid submission be moved to 18October 2021</p> <p>Proposed Revised Text, if any: "XXXX</p> <p>The deadline for Bid submission is: Date: 18October 2021 Time: 10:00 AM"</p>	Bidder is referred to GBB 26.	Closed	Yes	26	
2						<p>Ventilation Shaft The tunnel between Senate and FTI stations is about 3640m. Additionally, there is no information in the tender documentation about the size of the Tunnel ventilation fans before and after the FTI stations to make a proper calculation to determine the size of the Tunnel ventilation fans. As per our experience in various underground metro systems, intermediate shafts to accommodate additional Tunnel Ventilation Fans would be required to provide tenability for passenger evacuation in case of train fire. Would you please confirm if the cost of such building facilities and equipment should be in the bid price or not?</p>	<p>The design shall follow NFPA requirements and local guidelines, and allow no more than one train in a ventilation zone.</p> <p>The tunnel sizing and evacuation / fire strategy is the responsibility of the scheme design designer. The obligation of design and build are only for the provision of finishes and detailed design of MEP.</p> <p>Bidder is referred to the demarcation drawings and memorandum as provided in an appendix to the Scope of Works in Bid Addendum 3 .</p>				
3	Volume 2/underground drawings/ P2_S6_B(DWG)_31Mar2021_14_MEP_FT1.pdf		page 112		DRG no NSRP-DWG-FTI-ELL-2004	<p>The tunnel between Senate and FTI stations is about 3640m. Therefore, it is impossible to meet the 5 % voltage drop criteria as per relevant standards if the loads are fed from a Low Voltage supply as indicated in the drawing NSRP-DWG-FTI-ELL-2004. Therefore, MV/LV transformer substation(s) is necessary either inside or outside the tunnels. Would you please confirm if the cost of such building(s) and equipment should be in the bid price or not?</p>	The substations are not part of the scope.				
4	Volume 1- Key Personnel				Addendum 4	<p>"The position of Electromagnetic Specialist has been included in the List of Key Personnel provided in the bid documents.</p> <p>Please clarify the role of the above personnel in the package at-bid and if possible, provide a description of his/her works."</p>	<p>The Electro Magnetic Specialist is responsible for all EMC related matters, which shall include the following:-</p> <ul style="list-style-type: none"> · Identify aspects and solutions for achieving EMC · Review design to assure EMC compliance · Adopt a technical approach to ensure EMC compatibility between co-located systems · Implement rectification and corrective measures for all EMI problems that may arise. <p>The EMC Specialist Reviewer will conduct independent peer reviews of the EMC impact analyses and the EMC Specifications. He will also provide expertise in technical issues that may not be clearly defined in the standards.</p> <p>The EMC Specialist will submit evidence to demonstrate that EMC has been taken care into considerations in the design with any necessary EMC measures taken. EMC Specialist shall ensure that sensitive electronic equipment rooms and high voltage equipment rooms be segregated as far away as possible.</p>				

No.	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Collated Response	Status	Incorporated in Bid Document (version)	Published	Included in (GBB No.)
5						<p>With regard to the subject project, we would like to bring your kind attention that we are currently under preparation of the tender proposal with keen interest to be involved in this project.</p> <p>However, we are facing an insufficient time to prepare a competitive and a compliant proposal to meet the requirements of bidding documents due to multiple reasons.</p> <p>1) A vast amount of new information and changes have been given by the addendum No. 5 and 6. For review and study of the additional information therein, a further time extension is required.</p> <p>2) In consideration that such new information and changes affect the part which is under the Bidder's design responsibility, further design study and optimization require a further time extension to the current bid schedule.</p> <p>3) Under the circumstance that the COVID-19 and its Delta Variant are prevalent throughout the world, Enhanced Community Quarantine (ECQ) is followed by Modified Enhanced Community Quarantine (MECQ) according to the Philippine government, resulting limited operation of majority of construction companies and vendors. In order for the circumstances not to affect the quality of the bid proposal, a further time extension is required.</p> <p>For the foregoing reasons, we are of the opinion that additional tender preparation period is certainly necessary, and respectfully request for at least 8 (Eight) Weeks extension from the current bidding date.</p> <p>Your positive understanding and favorable response to our request would be very much appreciated.</p>	<p>Bidder is referred to GBB 26.</p>	Closed		Yes	26