

Ministry of Physical Infrastructure and Transport
Department of Roads
Quality Research and Development Center
Chakupat Lalitpur

Addendum No. 1

Date: 24 June 2021

Project Name: Siddababa Tunnel Project [Planning, Design, Engineering, Procurement, Construction, Commissioning and Five Years of Service Operation & Maintenance of One Double Lane Standard Highway Tunnel, Rock shed Structure, Rock Fall Mitigation and Road Works of Siddababa Tunnel Project on Engineering Procurement Construction (EPC) basis all complete]

Contract No.: DOR_QRDC/EPC/ICB/STP/077/78-05

This Addendum No.1 to the Bid Document has been issued in accordance with Clause 8 of Instruction of Bidders included as a part of Bidding Document for the above contract package. The amendments made in the Bidding Document are as follows:

S. N	Original Provision	Amended Provision
1	Section II: Bid Data Sheet, Instruction to Bidder Clause ITB 21.1 The deadline for bid submission is: Date: 7 th July, 2021 Time: 12:00 Hours GMT	Section II: Bid Data Sheet, Instruction to Bidder Clause ITB 21.1 The last deadline for bid submission is: Date: 7th 8 th August, 2021 Time: 12:00 Hours GMT
2	Section II: Bid Data Sheet, Instruction to Bidder ITB 25.1 The Technical Bid opening shall take place at: Address: Quality Research and Development Center, Chakupat Date: 7 th July, 2021 Time: 13:00 Hours GMT	Section II: Bid Data Sheet, Instruction to Bidder ITB 25.1 The Technical Bid opening shall take place at: Address: Quality Research and Development Center, Chakupat Date: 7th 8 th August, 2021 Time: 13:00 Hours GMT
3	Section III: Evaluation and Qualification Criteria, 2.4.2 Specific Construction Experience a) Contracts of Similar Size and Nature (ii) Participation as Prime Contractor, Management Contractor, or Subcontractor, Contract within the	Section III: Evaluation and Qualification Criteria, 2.4.2 Specific Construction Experience a) Contracts of Similar Size and Nature (ii) Participation as Prime Contractor, Management Contractor, or Subcontractor, in

	last ten (10) years, with a value of at least NRs.1887.00 million that have been successfully or are substantially completed	one Civil Construction Contract within the last ten (10) years, with a value of at least NRs 1887.00 million that have been successfully or are substantially completed
4	Section III Evaluation and Qualification Criteria, 2.6 Personnel, Construction, S.N 7. Health & Safety Manager: Academic Qualification: Bachelor's or Master's Degree in Health Science	Section III Evaluation and Qualification Criteria, 2.6 Personnel, Construction, S.N 7. Health & Safety Manager: Academic Qualification: Bachelors or Master's in Health Science/ Environmental Engineering/ Environmental Science/ Civil Engineering,
5	Section III, Evaluation and Qualification Criteria, 2.7 Equipment: S.N 8: Shotcreting/Concrete Delivery Pump – 60cum/hour Shotcreting/Concrete Deliver Pump – 10 cum/hour. S.N 11: Robotic arm with radio remote control	Section III, Evaluation and Qualification Criteria, 2.7 Equipment S.N 8: Shotcreting/Concrete Delivery pump – 60cum/hour including robotic arm with radio remote control Shotcreting/Concrete Deliver pump – 10 cum/hour including Robotic arm with radio remote control. S.N 11: Robotic arm with radio remote control has been deleted.
6	Section IX: Special Conditions of Contract, GCC Clause 23 Insurance, Sub-clause 23.2 SN. 8: The minimum cover for Liability for breach of professional duty in an amount not less than 100% of the Contract Amount.	Section IX: Special Conditions of Contract, GCC Clause 23 Insurance, Sub-clause 23.2 SN. 8: The minimum cover for Liability for breach of professional duty in an amount not less than 10% of the Contract Amount.
7	Section IX: Special Condition of Contract, GCC Clause 49 Correction of Defects, Sub Clause-49.9 The Latent Defects Liability Period is: 15 years from the date of issuance of Taking Over Certificate.	Section IX: Special Condition of Contract, GCC Clause 49 Correction of Defects, Sub Clause-49.9 The Latent Defects Liability Period is: 10 years from the date of issuance of Taking Over Certificate.
8	Section IX: General Condition of Contract, GCC Clause 60 Retention Sub-clause 60.2 Upon the issue of a Defects Liability Certificate by the Employer, in accordance with GCC 77.0, half the total amount retained shall be repaid to the Contractor and half when the Contractor has submitted the evidence of submission of tax return to the concerned Internal Revenue Office.	Section IX: Special Condition of Contract, GCC Clause 60 Retention Sub-clause 60.2, Replace the Clause with, Upon the issue of a Defects Liability Certificate by the Employer, in accordance with GCC 77.0, half of the total amount retained shall be repaid to the Contractor and other half after the end of the latent defect liability period after the Contractor has submitted the evidence of submission of tax return to the concerned Internal Revenue office.
9	Section IX: Special Condition of Contract GCC Clause 61. Liquidated Damages	Section IX: Special Condition of Contract 61. Liquidated Damages

Er. Arjun Jung Thapa
Director General

	Sub-clause GCC 61.2: The liquidated damages for the whole of the Works are 10 percent of the final Contract Price per day.	Sub clause GCC 61.2: The Liquidated Damages for the whole of the works is 0.05 percent of the Final Contract Price per day.
10	Section IX: Special Condition of Contract, Clause 64 Securities, Sub Clause GCC 64.1 The Performance Security amount is: Performance Security Amount = $[(0.85 \times \text{Cost Estimate} - \text{Bid Price}) \times 0.5] + 5\% \text{ of Bid Price}$. [Method of Calculation] i) If bid price of the bidder selected for acceptance is up to 15 (fifteen) percent below the approved cost estimate (including Provisional Sum amount) the performance security amount shall be 5(five) percent of the bid price. ii) For the bid price of the bidder selected for acceptance is more than 15(fifteen) percent below of the cost estimate (including Provisional Sum amount), the performance security amount shall be determined as follows: Performance Security Amount = $[(0.85 \times \text{Cost Estimate} - \text{Bid Price}) \times 0.5] + 5\% \text{ of Bid Price}$. [The Bid Price and Cost Estimate shall be inclusive of Value Added Tax]	Section IX: Special Condition of Contract, Clause 64 Securities, Sub Clause GCC 64.1 The performance Security Amount is: Performance Security Amount = 5 % of Bid Price for bid price up to 15 % below of the cost estimate Performance Security Amount for Bid Price more than 15 % below shall be calculated as per the method indicated below [Method of Calculation] i) If bid price of the bidder selected for acceptance is up to 15 (fifteen) percent below the approved cost estimate (including Provisional Sum amount) the performance security amount shall be 5 (five) percent of the bid price. ii) For the bid price of the bidder selected for acceptance is more than 15 (fifteen) percent below of the cost estimate (including Provisional Sum amount), the performance security amount shall be determined as follows: Performance Security Amount = $[(0.85 \times \text{Cost Estimate} - \text{Bid Price}) \times 0.5] + 5\% \text{ of Bid Price}$. [The Bid Price and Cost Estimate shall be inclusive of Value Added Tax]
11	Technical Requirement and Technical Specification, Employers' Requirements (Technical Specification), Section 2: General Conditions Sub Section 2.2.4 Ground Conditions.	technical Requirement and Technical Specification, Employers' Requirements (Technical Specification), Section 2: General Conditions Sub Section 2.2.4 Ground Conditions, Add the following paragraph at the end "The Contractor shall conduct the following tests but not limited to: a) Drill/Bore Hole (Inclined Boring for portal location @ minimum 30 m depth and for vertical boring in between portal locations @ minimum 80 m depth at minimum 2 locations) b) Multichannel Analysis of Surface Waves (MASW) c) Microtremor Array Measurement (MAM) d) Seismic Refraction Tomography (SRT) e) Electrical Resistivity Tomography (ERT) "

12	Technical Requirement and Technical Specification, Employers Requirements: Technical Specification, 2.3.6 Motor Vehicles.	Technical Requirement and Technical Specification, Employers Requirements: Technical Specification, 2.3.6 Motor Vehicles, add the following paragraph at the end, "The two vehicles to be provided shall be New, or nearly new (less than 6 month), five or six door Station Wagon (including one/two rear doors) with a diesel engine of at least 2.5-liter capacity, four-wheel drive, high and low ratio gear box with differential lock, a minimum ground clearance (unladen) of 180mm, Air bags, Air Conditioner, cloth seats, seat belts, locking fuel cap, spare wheel, tool kit, tow rope, jump leads, fire extinguisher and first aid kit. It is assumed that the average running distance is 5,000 km per month"
13	Technical Requirement and Technical Specification, Employers Requirements: Technical Specification, 39: Training of Contracting Authority Personnel.	Technical Requirement and Technical Specification, Employers Requirements: Technical Specification, 39: Training of Contracting Authority Personnel, add the following paragraph at the end. "The Contractor shall conduct International and National Training for DOR Personnel and other personnel as approved by Department of Roads. a) The International Training shall comprise of 30 executive personnel approved by Department of Roads with duration of at least 9 days in European Countries. The topic of training shall be " Advancement in Road Tunnel Planning, Construction and Operation" b) The National Training Sessions shall consist of 7 sessions with participants in each session not less than 30 personnel as approved by Department of Roads. The duration of each session shall be not less than 35 days for. There shall be one session each in "Survey and Investigation Phase", "Design Phase" and Operation and Maintenance Phase". There shall be 4 four sessions in " Construction Phase"."

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*Er. Arjun Jung Thapa
Director General*

Minutes of Pre-Bid Meeting

Date: 13 June 2021

Project Name: Siddababa Tunnel Project

[Planning, Design, Engineering, Procurement, Construction, Commissioning and Five Years of Service Operation & Maintenance of One Double Lane Standard Highway Tunnel, Rock shed Structure, Rock Fall Mitigation and Road Works of Siddababa Tunnel Project on Engineering Procurement Construction (EPC) basis all complete]

Contract No.: DOR_QRDC/EPC/ICB/STP/077/78-05

Representative of the Employer

S. N	Name	Designation	Representation
1	Arjun Jung Thapa	Director General	DOR
2	Shiva Prasad Nepal	Deputy Director General	DOR Planning
3	Dr. Bijaya Jaishi	Director	QRDC, DOR
4	Krishna Raj Adhikari	Senior Divisional Engineer	QRDC, DOR
5	Saurabh Bajracharya	Senior Divisional Engineer	QRDC, DOR
6	Sagar Deshar	Engineer	QRDC, DOR
7	Dipak Jha	Engineer	QRDC, DOR
8	Soni Shrestha	Engineer	QRDC, DOR

Representative of the Contractors:

S. N	Name	Designation	Representation
1	Atmaram Phuyal	Representative	Bajra Guru Construction
2	Ujjwal Poudel	Representative	COVEV
3	Saroj Subedi	Representative	Tundi Construction
4	Ge Wei	Representative	COVEC
5	DING Song Wei	Representative	COVEC
6	Binal Ratna Sthapit	Representative	China First Highway Company Pvt. Ltd
7	Cai Xue Bin	Representative	CGGC
8	Dipak Chhetri	Representative	Raman Construction
9	Rashik Karmacharya	Representative	Raman Construction
10	Krishna Kumar Yadav	Representative	China Railway 14 th Bureau Co. Ltd
11	Sonav Bhandari	Representative	Sagun Construction
12	Bibek Acharya	Representative	Paramount
13	DONG Ji HONG	Representative	SINI Hydro
14	Wang Zhenjin	Representative	CSCEC

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15	Pramod K Adhikari	Representative	CSCEC
16	Suman Thapa	Representative	BP Construction
17	Sunil Kumar Yadav	Representative	Waiba Infratech Pvt. Ltd

Discussions:

- Mr. Arjun Jung Thapa, Director General, Department of Roads welcomed all the participants attending physically and virtually via Zoom platform, the Pre-Bid Meeting held for Siddababa Tunnel Project.
- During the meeting, various contractors had raised their queries, which was addressed by the Employers Representatives. Some Contractors had sent their queries through email and hard copy. The Contractors queries in writing and the given replies are tabulated below
- The Director, Quality Research and Development Center thanked all and closed the meeting assuring that written replies will be provided in accordance with the provisions in the Bidding Document.

S. N	Query	Clarification
1	SCC 1.1 (m) states Commencement Date shall be 14 days from the date of agreement also SCC 41.1 states that "The Contractor shall submit for approval a Program of the Works within 60 days from the date of Letter of Acceptance" in practice the date of letter of Acceptance and the Date of Agreement might be different, hence in order to avoid any ambiguity in future we request you to amend it to "60 days from the date of Commencement".	The bidder shall comply with the timeline provided in the Bidding Document.
2	SCC 1.1 (z) states "Phase II: Warranty, Operation and maintenance Works: 1825 calendar days from the date of issuance of Taking Over Certificate", our understanding is that the term "Warranty" here refers to the "Defect Liability Period" under the contract whereas the term Warranty has not been defined under GCC.	The term Warranty is defined as "A written guarantee given to the purchaser of a new appliance, automobile, plants, equipment, or works or other items by the manufacturer/contractor or dealer, usually specifying that the manufacturer will make any repairs, or replace defective parts free of charge for a stated period of time. Warranty is used as synonyms to Defect Liability Period Please refer to GCC 1.1.(r).
3	SCC 1.1 (rr) states "Operation and Maintenance Period is the Period from the date of Issuance of Taking over Certificate where the contractor remains responsible for operation and performance-based maintenance of Works." Kindly clarify if the Defect Liability Period and the	The operation and maintenance of the tunnel shall fully comply Annex G: Warranty, Operation and Maintenance Works. The Defect Liability Period overlaps with the Operation and Maintenance period and based on the Performance Based Maintenance.

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	provision of the Contract are based on the "performance-based maintenance" and scoring and incentive built in.	
4	SCC 2.2 states that Sectional Completion (Milestones) are: Not Applicable, whereas SCC 26.1 clearly defines the Milestone to be achieved under the Contract, Furthermore Sub-Clause 61.1 also defines the liquidated damage for each milestone. Hence, these two clauses are contradictory to each other.	The Clause 2.2 Sectional Completion refers taking over of parts of the works which is not applicable in this bidding document. The 26.1 clause relates with the work progress that need to be achieved by the contractor. The clauses reference is not inter-related.
5	For the exchange rate of form EXP-1 and EXP-2 of the Bidder's Qualification we kindly request you to confirm the date selection, should it be the Date of Bid Invitation or the date 30 days prior to the deadline for submission of bids or any other choice.	Date of Invitation shall be considered as base date for rate of exchange for form EXP-1 and EXP-2.
6	Does the existing road from Butwal to the site have lighting? Whether electricity lighting system is necessary for the reconstruction of existing roads MR1, MR2 of the project.	Currently, there is no lighting system in the existing road from Butwal to the site. Please refer Technical Requirement and Specifications for the employer's requirement.
7	According to the bidding document, we didn't find Where is the exact location of the external power source for introducing	Please refer to Item A.3 of Section VII: Activity Schedule
8	According to the RFP documents, there are technical buildings at the South and North portal of the tunnel, but there is no relevant description about the water supply and drainage facilities of the technical building in the RFP documents.	It is bidder's obligation to explore, check and satisfy themselves about the water supply and drainage facilities.
9	Referring to Article 1.1.5 of project components and its specific requirements, there is the description of the relocation of existing municipal infrastructure, but in the RFP document, there is no relevant content of existing situation of water supply and drainage facilities.	It is bidder's obligation to explore, check and satisfy themselves, regarding existing situation supply and drainage facilities. Further refer to Section VI: S No. 1 in Bill of Quantities for details under Provisional Sum.
10	According to the Technical requirements, the dirty and polluted water during the operation & maintenance period is collected by the pipeline and discharged into the storage tank at the portal and then discharged into the local sewage system. Where is the connecting location with local sewage system?	It is bidder's obligation to explore, check and satisfy themselves about the water supply and drainage facilities.





11	GCC 58.1 The currency of Contracts shall be Nepali Rupees. ITB 15.1: If the currency of the Bid and payment is other than Nepalese currency: The currency applicable shall be United States Dollar The maximum ratio of Nepali Currency to Foreign Currency with respect to the evaluated bid price shall not be more than 70:30. Query The currency specified under GCC 58.1 is Nepali Rupees only, which is inconsistent with the currencies described under ITB 15.1 in Nepalese currency and United States Dollar. Please clarify.	The provision is GCC Clause 58.1 indicates that the currency mentioned in the contract agreement will be in Nepalese Currency. The payment liable to the contractor shall be paid in the respective proportion of currency proposed by the bidder as specified in ITB 15.1
12	The volume of proposed disposal areas: the bid addendum shows that there are 4 proposed disposal areas with a total area of 8000 m², and the volume of excavated spoil is 200000 m³ above, whether can satisfy the demand.	The bidder may refer to the documents provided by the Employer. Bidder should note that the material 's information provided therein as indicative only and the bidder requires to carry out detailed investigation regarding the quarry source. It is bidder's obligation to explore, check and satisfy themselves about availability, suitability and adequacy of the materials including leads to be used in the works and quote his rate accordingly.
13	The area of Main Construction Site near First Temple Area is too small to meet the requirements of camp, crushing station, concrete mixing station, new areas need to be designated by the employer.	It is bidder's obligation to explore, check and satisfy themselves about the areas for camps, crushing stations.
14	The site coordinate point on Google map which include the location of road starting and ending point, the location of tunnel starting and ending point, the location of source material area point (CM-1, CM-2, CM-3, CM-5, CM-6), Location of Proposed Muck Disposal Areas (MP-1, MP-2, MP-3, MP-4), location of the camp which employer suggest to establish, etc.	Bidder should note that the material's information provided therein are indicative only. It is bidder's obligation to explore, check and satisfy themselves about availability, suitability and adequacy of the materials and location of Muck Disposal Areas including leads to be used in the works and quote his rate accordingly.
15	The condition of water supply to the construction site, include the distance, route, quality of water, access permission, etc.	It is bidder's obligation to explore, check and satisfy themselves regarding the issues raised.

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16	Part I Bidding procedures/section II: Clause ITB 7.2 Query The bidder is advised to visit and examine the site of works and its surrounding and obtain for itself, on its own risk and responsibility, all information that may be necessary for preparing the bid and entering into contact for construction of the works. If the bidder visits and examine the site by itself, is there any employer's technical engineer on site	Employer does not have provision for Employer's Engineer on Site for Bidder's Site Visit.
17	Part II: Requirements/Section VI- Employer's Requirement (ERQ), Annex C: Exploitation and safety equipment- Technical Report and Design Basis. Query The total length of tunnel is 1126 m in the Employer's Requirement, however, that in the Annex C is 1130m. There are also other discrepancies between two documents. Please clarify the priority of Employer's Requirement and ANNEX C.	The desirable minimum length of tunnel is 1126 m.
18	Weather all lands designed for temporary use can be supplied free of charge by the employer.	There is no provision for supply of land from the Employer for any purpose under the Contract.
19	Since the original rate provided by bidder might not be Nrs or USD, then what exchange rate should be adopted? in tender document page 74. Form FIN - 2: Average Annual Construction Turnover, it says to use the exchange rate published by Nepal Rastra Bank on the invitation date (viz. 23th May 2021), so is it the selling rate (Viz. USD: NRS=1:116.84?) should the bidder to adopt the same rate for all relative data in the qualification forms?	Date of Invitation shall be considered as base date for rate of exchange for form FIN 2. The selling rate shall from Nepal Rastra Bank for exchange rate be adopted.
20	Referring to part "2. Qualification" of the Bid Document, section 2.1.6 Other Eligibility, regarding Firm Registration Certificate and Business Registration Certificate, do foreign entities have to acquire these local certificates issued by Nepalese authorities?	The bidder shall submit Firm Registration Certificate and Business Registration Certificate from their respective countries.

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21	Referring to part "2.3.3 Required Bid Capacity", how is the Bid Capacity calculated?	Please refer Form FIN-3: Bid Capacity
22	Are participants required to notarize their documents? If yes, which documents have to be notarized?	The bidder requires to notarize all the documents not produced by the Bidders itself. For example, registration certificates, balance sheets, experience certificates and so on. However, the bidder requires to submit official translation of the document in English if the language of the document is other than English.
23	we would like to get more technical references, which are available to the tenders, mentioned in the clause 2.2.3 of the employer's requirement technical specification. Our demand list of technical reference is as following 695013-D-A-G-R-001 Geological and Geotechnical Characterization Report 695013-D-A-G-R-002 Geological and Geotechnical Characterization Report - Annex 1: Geological Report 695013-D-A-G-R-003 Geological and Geotechnical Characterization Report - Annex 2: Geotechnical Investigation (Site Tests) 695013-D-A-G-R-004 Geological and Geotechnical Characterization Report - Annex 2: Geotechnical Investigation (Laboratory Tests) 695013-D-A-Z-S-001 Topographic Survey - Annex 1: D-Cards 695013-D-A-Z-R-002 Hydrogeological Report	Regarding the list of technical documents, all the documents are uploaded in the bidding portal under the name " Bid Addendum".
24	There are many technical specifications presented in the bidding documents (Technical Requirements and Technical Specification), which may result in contradictions and differences in specifications. Please list the priority sequence for the specifications.	In case of the contradiction, the specification with more stringent requirement shall govern.
25	Please specify the works scope and technical requirements for helicopter aprons stated in the bidding document.	The technical requirement shall be as per relevant European/Swiss code for helicopter apron.

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26	Please specify whether the pavement structure adopted for the helicopter aprons same as the general road section or not, otherwise please provide the pavement structure for the aprons.	The technical requirement shall be as per relevant European/Swiss code for helicopter apron.
27	Please confirm whether the existing pavement shall be removed or used as sub-base layer during rehabilitation.	The proposed design shall be meet the requirements stipulated in the Bidding Document.
28	Form Exp 2(c) mentioned in Evaluation and Qualification Criteria 2.5: Understanding about the project and proposed design-Proposed design in missing. Kindly provide Form Exp 2(c).	The relevant form can be found in Page 58: Proposed Design Format
29	Which Form of Activity Schedule need to be filled by the Bidders.	The Bidder shall fill the bid price and value for variable X1-X5 in Section VII: Activity Schedule (ACS)
30	What is the exact period of Project? Is Operation and Maintenance in DLP Period of DLP starts only after Operation and Maintenance.	Please refer to GCC 1.1 (z), The Defect Liability Period and Phase II: Warranty, Operation and Maintenance Work overlaps i.e., 1825 days from the date of Issuance of Taking Over Certificate.
31	What is the liability of Contracts under Latent DLP Period?	Please refer GCC/SCC Clause No. 49.9.
32	In Evaluation and Qualification Criteria 2.5: Understanding about the project and proposed design-understanding about the project: - It seems that we need to provide Bidders need to submit concept design for this project or previous project experience	The Bidder requires to submit the under of the project as per proposed designed format.
33	Would you please confirm Design Philosophy of the design scheme in the bidding documents, it is ADECO-RS, New Austrian Tunneling Method or any other philosophy?	Please refer to requirement stipulated in Technical Requirement and Specifications.
34	Please refer to Technical Requirements and Technical Specifications-Annex A: Civil Works-Design Basis-1.0 Standards and References, would you please supply the relevant Nepal and Swiss standard and Code.	Bidders require to acquire the relevant codes.
35	Please refer to 4.1 Borehole Investigation, Hydrology and GEO Technical Vol.1, would you please supply the layout of the 7 boreholes.	Please refer list of drawing, Geotechnics: Rock Mass Behavior of Tunnel Excavation, Estimation of Overbreak Geometric and Kinematics Document Code 695013-D-A-G-D-004.

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36	Please supply the hydrology Report of the Project area.	Regarding the hydrology the documents are uploaded in the bidding portal under the name " Bid Addendum".
37	Please refer to Technical Requirements and Technical Specifications – Annex B: Tunnel-Technical Report -2.3.2 Design verifications, Design dimensioning and verifications can be found in the relevant calculation Report, please clarify.	The bidder may refer to the documents provided by the Employer. Bidders should note that the information provided therein are indicative only and the bidder requires to carry out detailed investigation and perform detail calculation and bid accordingly.
38	Please refer to Technical Requirements and Technical Specifications – Annex B: Tunnel-Technical Report -3 Underground works, the first paragraph “..... in the relevant calculation reports”. We cannot find the Calculation Reports, please clarify.	
39	Please refer to Technical Requirements and Technical Specifications – Annex B: Tunnel-Technical Report -3.13.13 False Tunneling at the portals,” see relevant plan for details”. We cannot find the calculation Reports, please clarify.	
40	Please refer to Technical Requirements and Technical Specifications – Annex A: Civil Works-Design Working life, the working life of Tunnel is 100 years, but in Technical Requirements and Technical Specifications -Annex B: Tunnel - Technical Report-3.16 Inner lining, The final lining shall be in Plain or reinforced concrete, C30/37. A working life of 50 years has been foreseen Please clarify	The working life of Tunnel and Tunnel Lining of foreseen as 100 years.
41	In the bidding documents, there are two emergency aprons, but in the Addendum, there is only on apron in the north portal, please clarify. Thu the site condition, apron in the south portal seems not applicable, please supply us the design requirements and standards for apron.	There are two emergency aprons foreseen in the proposed design. The indicative detail of the apron is also indicated in Tunnel North Portal Final Landscaping Plan Document Code 695013-D-C-D-038
42	Please supply us the road plan and profile drawings.	Available documents are uploaded in the procurement portal under the name Bid Addendum
43	Please supply us the Calculation Reports of Portal\Technical Buildings\Slope protection for us to check.	The bidder may refer to the documents provided by the Employer. Bidder should note that the information provided therein as indicative only and the bidder requires to

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		carry out detailed investigation and perform detail calculation and bid accordingly.
44	Please supply the tunnel support drawings for Class 0~Class 5 as mentioned in the Bidding Documents for our reference.	Please refer to the document uploaded in the procurement portal under the name Bid Addendum
45	Please supply dangerous rock Investigation report.	
46	Please supply the whole technical part of DPR mentioned in the bidding documents. It is necessary for the bidder to check/modify/adjust the design scheme base on DPR according to the TR and TS in short bidding period, please consider	The bidder may refer to the documents provided by the Employer. Bidder should note that the information provided therein as indicative only and the bidder requires to carry out detailed investigation and perform detail calculation and bid accordingly.
47	Please refer to SCC 24.1 Annex 1: Site Data and Reports is missing, please supply.	Please refer to the document uploaded in the procurement portal under the name Bid Addendum
48	ANNEX2: TOR of the employer's representative to be provided later, please note that.	The TOR will be provided after the Contract Agreement.
49	Please refer to VIII list of Drawing, section VI-Employer's Requirement, Annex H is missing, please supply.	Please refer to the document uploaded in the procurement portal under the name Bid Addendum

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