Consolidated Responses of the Queries Submitted by the Interested Bidders for K-IV Augmentation Works.

S.no	Query	Response
1	Vol-III (Sub-Clauses 2.90, 3.20 and 6.06) requires the Contractor to carry out geotechnical investigation, sub-soil investigation, and corrosion/soil-resistivity surveys as a precondition to commencing permanent works, at Contractor's cost. Kindly confirm the time allowed for these activities within the Baseline Programme, and whether delay in commencing construction caused by the time needed for such surveys/investigations or by adverse findings emerging therefrom, entitles the Contractor to EOT under Sub-Clause 8.5. Please also clarify whether Sub-Clause 4.12 [Unforeseeable Physical Conditions] time relief remains available notwithstanding BDS Sub-Clause 17.2(d), which allocates "normal" geotechnical/seismic risk to the Contractor.	Extension of time will be provided as per contractual provisions and Engineer's decision where applicable.
2	Chambers, thrust-boring/crossings and cathodic protection are on a design-and-build basis with the Contractor (Vol-III, Sub-Clauses 2.10.2, 2.10.3), while Construction Drawings are issued by the Engineer (Sub-Clause 3.20). Kindly confirm the Engineer's stipulated turnaround for review/approval of Contractor-prepared design submittals, and whether delay beyond that period is a compensable event entitling EOT under Sub-Clause 8.5.	Extension of time will be managed as per contract.
3	The ESMP (Vol-I, Table 2) assigns identification, compensation and relocation of existing utilities within the RoW to the "Design Consultant and PIU KWSSIP-II", to be completed ahead of construction, whereas the Contractor is required to verify utility crossings/interconnections and design protection works. Kindly confirm that relocation/diversion of conflicting	NOCs from relevant utility agencies have been acquired and the remaining ones will be acquired in due course of time. KWSSIP will support in timely relocation of the utilities from relevant departments. The contractor is required to provide a methodology for utility identification as mentioned in rated criteria item B3.

	utilities and NOCs from utility-owning agencies (KE, SSGC, PTCL, KMC, NHA, etc.) remain the Employer's responsibility, and that any consequent delay in handover of a utility-clear Site entitles the Contractor to EOT under Sub-Clause 8.5.	
4	Site handover is linked to sectional (max. 3 km) release, contingent on completion of RAP compensation/ESCP requirements for each section (Vol-I, Works Requirements). Kindly confirm the EOT mechanism applicable where handover of a section is delayed beyond the date shown in the approved Programme for reasons not attributable to the Contractor.	The sectional handover methodology is clearly listed in the Section VII; works requirement. The same will be followed.
5	For foreign bidders, please confirm whether all supporting documents must be translated into English and attested by a competent/appropriate authority in the Bidder's home country. Kindly specify the acceptable attesting authorities (e.g., Chamber of Commerce, Embassy/Consulate) and whether Pakistan Embassy attestation is also required.	Attestation and translation of documents of foreign country firms should be done by certified notary public of bidder's home country.
6	The list of approved/eligible manufacturers referenced in the bid document has not been provided. Kindly share the manufacturer's list, or clarify whether bidders may propose manufacturers of their own choice subject to approval.	Relevant specifications have been provided in the technical specification section.
7	The BOQ item for Septic Tank Construction is priced on a Lump Sum basis; however, the required number of septic tanks is not mentioned. Kindly specify the exact quantity (Nos.) of septic tanks required under this contract so that bidders can price accordingly.	The septic tanks are to be constructed on site for labor and contractor personnel. Contractor is supposed to construct the same as per environmental and social guidelines.
8	The Day Work BOQ does not indicate the contractor's profit percentage/markup to be applied. Kindly clarify whether a specific profit percentage i.e. Labour, Material and Equipment, should be included or confirm the basis on which Day Work rates are to be quoted.	Filling the BOQ is responsibility of the contractor and the contractor should calculate everything associated with the day work BOQ.

9	The Training Cost item is priced on a Lump Sum basis, but the number of training sessions to be conducted during the project duration is not mentioned. Kindly specify the total number of training sessions/programs required, along with duration and number of participants (if available), so bidders can price this item accurately.	Number of trainings is for contractor personnel the same may be calculated by the contractor.
10	Certain items in the ESMP (Environmental & Social Management Plan) BOQ appear to overlap or duplicate items already included under the Training Cost BOQ. Kindly clarify whether these are separate/distinct activities, or advise on how to avoid double-counting/double-pricing of the same scope.	ESMP training is separate and should be treated as such.
11	As mentioned in the bidding documents, the price adjustment for HR Coil used in the manufacturing of MS Pipe shall be based on the monthly average price index published by Fast markets MB for Hot Rolled Coil (HRC) in the relevant market, index code MB-STE-0144. We request clarification on whether the London Metal Exchange (LME) price is to be used as a reference/basis for HRC price adjustment, or whether the Fast markets MB index (MB-STE-0144) alone shall be the sole and exclusive basis for price adjustment. Kindly confirm the exact source, market, and index code to be applied, to avoid ambiguity in price adjustment calculations.	Market index will remain the same as mentioned in the Bidding Documents.
12	In the event a bidder submits bids for more than one Lot (i.e., Lot-1 and Lot-2), kindly clarify how the qualification/eligibility criteria (financial capacity, experience, technical capability, etc.) shall be assessed. Specifically, please confirm whether the qualification criteria will be applied cumulatively (i.e., the bidder must demonstrate capacity for the combined value/scope of both lots) or individually against each lot separately.	Please refer to qualification requirements section-ii where clarification is already provided.
13	In view of the extensive financial working required for foreign procurement items (e.g., pipes, valves, and other imported materials), including obtaining quotations, currency exchange	The request is under consideration.

	considerations, and shipping/logistics costs from overseas suppliers, we request an extension of the bid submission deadline by at least 20 days. This extension will enable bidders to prepare accurate and competitive financial proposals.	
14	Under Clause 4.2(a), the similarity of contracts is presently linked to pipeline contracts in accordance with the Scope of Work and Clause 4.2(b). Furthermore, Clause 4.2(b) requires: **i. At least two crossings using thrust boring completed.** **ii. Laying of at least 3 km of pipeline having a minimum diameter of 48 inches, with MS pipeline experience being stipulated.** We respectfully submit that restricting relevant experience exclusively to 48-inch and larger MS pipelines may substantially limit the number of otherwise competent contractors capable of successfully executing the Works. The fundamental competencies required for major water transmission pipeline construction include, among others, pipeline alignment and setting out, excavation and trenching, bedding and backfilling, jointing, testing, disinfection, pressure testing, road/utility crossings, traffic management, dewatering, construction management, quality control and coordination with other utilities and stakeholders. Accordingly, we request that the Employer may consider accepting demonstrable experience in **large-diameter water-supply and pressure pipeline projects using MS, DI, HDPE and other technically equivalent pressure-rated pipeline materials**, provided that the experience demonstrates comparable construction complexity and scope.	The qualification requirement will remain same.

	We further request that the minimum diameter requirement presently stipulated at 48 inches may be reasonably reduced, for example to **30 inches or another appropriate diameter**, while maintaining the requirement that the submitted experience must relate to water-supply/pressure pipeline works of substantial length and complexity. This approach would broaden competition without compromising the Employer's requirement for technically capable and experienced contractors.	
15	We further request that the above relaxation may also be reflected specifically in **Clause 4.2(b) – Key Activities**, so that experience in relevant and technically comparable pipeline works may be considered on the basis of the actual nature and complexity of the works rather than solely on the material and diameter of the pipeline. In particular, experience involving **pressure-rated HDPE, DI, MS and other comparable water transmission pipelines** may be considered where the contractor has successfully undertaken substantial pipeline installation, testing and commissioning works. For thrust boring and other specialized crossings, we fully appreciate the importance of demonstrating specific experience. Accordingly, the requirement for completed trenchless crossings may be retained, while allowing equivalent experience involving major road, railway, canal, utility and other technically comparable crossings.	The requirement along with the technical specification will not be changed at this stage.
16	Clause 4.2(a) presently requires relevant contracts to have been satisfactorily and substantially completed between **1 April 2016 and the bid submission deadline.** We respectfully submit that limiting the experience period to approximately the last ten years may unnecessarily restrict participation, particularly considering the	The general experience of 10 years is adequate and will remain the same in order to accommodate wider participation.

	relatively limited number of major water-transmission pipeline projects undertaken by local contractors during this period. A number of established Pakistani contractors possess substantial experience in major water-supply, bulk-water transmission, infrastructure and pipeline projects undertaken prior to April 2016. Such experience remains technically relevant and demonstrates the contractor's capability to undertake works of significant scale and complexity. We therefore request that the qualifying experience period may kindly be extended from:**1 April 2016 to the Bid Submission Deadline** to: **1 January 2010 to the Bid Submission Deadline**, i.e. a period of approximately fifteen (15) years. This would allow the Employer to consider a broader pool of experienced contractors while still ensuring that the qualifying experience is sufficiently recent and relevant. It is also pertinent to note that similar consideration of a **15-year experience period** has been adopted in major public-sector procurement for comparable infrastructure/water-supply works, including procurement associated with the K-IV Greater Karachi Bulk Water Supply Scheme.	
17	For thrust boring and other specialized crossings, we fully appreciate the importance of demonstrating specific experience. Accordingly, the requirement for completed trenchless crossings may be retained, while allowing equivalent experience involving major road, railway, canal, utility and other technically comparable crossings.	As thrust boring is required on field the same qualification requirement is applicable.
18	Please clarify the specified pipe manufacturing and welding process, as the current description states “API 5L Grade X42 (Spirally Welded) with ERW.” ERW is	Welding procedure has been updated in the BOQ. The same will be updated through addendum 2. BOQ item shall be read as follows. "Providing, laying and jointing of

	generally a longitudinal electric resistance welding process, whereas spiral/helical-welded pipes are typically manufactured using the Submerged Arc Welding (SAW) process. Therefore, ERW and spiral welding represent different manufacturing processes and should not be specified interchangeably. Accordingly, please confirm whether the required pipe shall be Spiral Submerged Arc Welded (SSAW/HSAW) or ERW, including the applicable manufacturing and welding standard.	Spiral Welded Mild Steel Pipes as per API 5L – PSL2 , grade X42 for various diameters and thicknesses, end-beveled, externally 3LPE coating (shop applied), internally fusion bonded epoxy (FBE) coating with a minimum 400 – 500 microns Dry Film Thickness (DFT) as per AWWA Standard, joint coating with epoxy and heat shrinkable sleeves, the rate included, cutting, welding, and jointing in trenches, including all fittings, tees, any degree of bends and yees, expander/reducer, flanges, gasket, steel nut bolts and washers, ultrasonic or radiographic inspection of welded joints, , hydrostatic testing (sectional and complete testing), disinfection with chlorine, level and grade, warning tape 300mm wide, 100 micron thick, blue in color, complete in all respect as per drawing, technical specification and Engineer's instruction."
19	The specification refers to API 1104, Clauses 6.4–6.6. Please clarify the required NDT method(s) for the field welds and confirm the required extent/percentage of NDT applicable to the welds.	Please refer to the technical specifications. The methods are as per standards.
20	We could not find any specific provision regarding the release of payment upon delivery of materials to the site. Please clarify whether payment can be released against the delivery and acceptance of materials at site, prior to installation, and specify the applicable payment terms and supporting documentation requirements.	There's no provision available for this.
21	Kindly clarify the details, location, clearance requirements, and protection/relocation arrangements for existing High-Tension (HT) electrical lines along the proposed pipeline route.	The HT lines have been identified and any unknown lines will be managed as per site conditions. Please refer to the provisional sum available in the BOQ.
22	During the site visit, it was observed that sufficient space for establishing thrust boring/pit arrangements is not available at certain locations. Kindly clarify the proposed construction methodology and whether any temporary access, excavation, or additional working area will be provided by the Client.	Will be managed as per site conditions and engineer's decisions. Please refer to the drawings.
23	During the site visit, In several locations, very limited space is available along the road for pipeline execution. Kindly confirm whether any existing structures, road	same as above

	shoulders, pavements, boundary walls, or other obstructions are required to be demolished/removed to facilitate construction.	
24	Where adequate space is not available for open-cut or thrust boring works, kindly clarify whether alternative methods such as HDD, micro-tunneling, or other approved trenchless techniques will be permitted.	same as above
25	Kindly provide details of all existing structures, permanent/temporary obstructions, walls, sheds, or other facilities falling within the pipeline alignment/ROW that may require removal or demolition.	Refer to the drawings and point no. 4.
26	Kindly provide the confirmed ROW limits, alignment drawings, and chainage-wise ROW information for the complete project route.	Same as above
27	What will be the procedure where the required ROW or working access is not available at the time of construction? Kindly clarify whether the Client will arrange access/ROW or whether the Contractor will be responsible.	ROW available.
28	Kindly clarify responsibility for obtaining temporary/permanent access, permissions, compensation, and any other ROW-related requirements and associated costs.	Refer to the drawings and point no. 4.
29	Kindly clarify the proposed sectional handover sequence and expected dates for making different sections of the ROW available to the Contractor.	Sectional handover is 3 KM.
30	Kindly clarify whether tree cutting, removal, transportation, stacking of timber/wood, and obtaining all relevant NOCs/permissions from the concerned authorities will be the responsibility of the Client or Contractor.	NOCs will be provided. Please refer to the ESIA and ESIA Addendum available on the KWSSIP website.
31	During the site visit, it was observed that existing electrical and PTCL cables are installed on poles along the route. Kindly confirm whether these existing arrangements will remain in place during construction or require relocation/protection.	Refer to the drawings and point no. 4.

32	Kindly confirm the responsibility for identification, protection, relocation, and reinstatement of existing utilities, including electrical, PTCL/telecommunication, water, gas, and other services.	Refer to the drawings and point no. 4.
33	Kindly clarify whether utility relocation/protection works are separately payable under BOQ items or are deemed included in the Contractor's rates.	Point No. 4
34	Is night-time construction permitted? If yes, kindly clarify the applicable restrictions, lighting, safety, traffic management, and approval requirements.	Refer to point No. 13
35	Kindly confirm whether any specific working-hour restrictions apply to major roads, highways, or high-traffic areas.	same as above
36	Who will be responsible for obtaining approvals and coordinating road closures, traffic diversions, and traffic management arrangements with the relevant authorities?	Client will facilitate in obtaining approvals where required.
37	Kindly clarify whether traffic diversion, barricading, signage, flagmen, temporary access roads, and related traffic management arrangements are separately payable or deemed included in the Contractor's rates.	Provision is available in the BOQ
38	Kindly clarify the requirements and designated locations for disposal of excavated material, construction waste, debris, and other project-generated waste.	Provision is available in the BOQ
39	Kindly clarify which statutory approvals, NOCs, permits, licenses, and authority permissions will be obtained by the Client and which will be the responsibility of the Contractor.	Refer to point No. 13
40	Kindly clarify the contractual procedure and payment mechanism for variations, additional quantities, and unforeseen works encountered during construction.	Will be managed as per site conditions and engineer's decisions.
41	Kindly clarify the treatment and payment mechanism for unforeseen ground conditions, including hard rock, groundwater, unsuitable soil, buried obstructions,	same as above

	contaminated material, or other conditions differing from the tender information.	
42	Where additional work becomes necessary due to restricted ROW, limited working space, existing utilities, traffic restrictions, or other site constraints, kindly clarify the applicable variation and payment mechanism.	same as above
43	Kindly confirm whether mobilization and demobilization costs are separately payable or deemed included in the Contractor's quoted rates.	Refer to BOQ.
44	Kindly confirm that any major site constraints, unavailable ROW, unidentified utilities, or access restrictions outside the Contractor's control will be addressed by the Client and treated in accordance with the Contract's variation/extension-of-time provisions.	Refer to point No. 23.
45	Please clarify the specified pipe manufacturing and welding process, as the current description states “API 5L Grade X42 (Spirally Welded) with ERW.” ERW is generally a longitudinal electric resistance welding process, whereas spiral/helical-welded pipes are typically manufactured using the Submerged Arc Welding (SAW) process. Therefore, ERW and spiral welding represent different manufacturing processes and should not be specified interchangeably. Accordingly, please confirm whether the required pipe shall be Spiral Submerged Arc Welded (SSAW/HSAW) or ERW, including the applicable manufacturing and welding standard.	Welding procedure has been updated in the BOQ. The same will be updated through addendum 2. BOQ item shall be read as follows. "Providing, laying and jointing of Spiral Welded Mild Steel Pipes as per API 5L – PSL2 , grade X42 for various diameters and thicknesses, end-beveled, externally 3LPE coating (shop applied), internally fusion bonded epoxy (FBE) coating with a minimum 400 – 500 microns Dry Film Thickness (DFT) as per AWWA Standard, joint coating with epoxy and heat shrinkable sleeves, the rate included, cutting, welding, and jointing in trenches, including all fittings, tees, any degree of bends and yees, expander/reducer, flanges, gasket, steel nut bolts and washers, ultrasonic or radiographic inspection of welded joints, , hydrostatic testing (sectional and complete testing), disinfection with chlorine, level and grade, warning tape 300mm wide, 100 micron thick, blue in color, complete in all respect as per drawing, technical specification and Engineer's instruction."
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	access/ROW or whether the Contractor will be responsible.	
55	Kindly clarify responsibility for obtaining temporary/permanent access, permissions, compensation, and any other ROW-related requirements and associated costs.	Refer to the drawings and point no. 4.
56	Kindly clarify the proposed sectional handover sequence and expected dates for making different sections of the ROW available to the Contractor.	Sectional handover is 3 KM and the same is provided in SCC.
57	Kindly clarify whether tree cutting, removal, transportation, stacking of timber/wood, and obtaining all relevant NOCs/permissions from the concerned authorities will be the responsibility of the Client or Contractor.	NOCs will be provided. Please refer to the ESIA and ESIA Addendum available on the KWSSIP website.
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61	Is night-time construction permitted? If yes, kindly clarify the applicable restrictions, lighting, safety, traffic management, and approval requirements.	Refer to point No. 13
62	Kindly confirm whether any specific working-hour restrictions apply to major roads, highways, or high-traffic areas.	same as above
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64	Kindly clarify whether traffic diversion, barricading, signage, flagmen, temporary	Provision is available in the BOQ

	access roads, and related traffic management arrangements are separately payable or deemed included in the Contractor's rates.	
65	Kindly clarify the requirements and designated locations for disposal of excavated material, construction waste, debris, and other project-generated waste.	Provision is available in the BOQ
66	Kindly clarify which statutory approvals, NOCs, permits, licenses, and authority permissions will be obtained by the Client and which will be the responsibility of the Contractor.	Refer to point No. 13
67	Kindly clarify the contractual procedure and payment mechanism for variations, additional quantities, and unforeseen works encountered during construction.	Will be managed as per site conditions and engineer's decisions.
68	Kindly clarify the treatment and payment mechanism for unforeseen ground conditions, including hard rock, groundwater, unsuitable soil, buried obstructions, contaminated material, or other conditions differing from the tender information.	same as above
69	Where additional work becomes necessary due to restricted ROW, limited working space, existing utilities, traffic restrictions, or other site constraints, kindly clarify the applicable variation and payment mechanism.	same as above
70	Kindly confirm whether mobilization and demobilization costs are separately payable or deemed included in the Contractor's quoted rates.	Refer to BOQ.
71	Kindly confirm that any major site constraints, unavailable ROW, unidentified utilities, or access restrictions outside the Contractor's control will be addressed by the Client and treated in accordance with the Contract's variation/extension-of-time provisions.	Refer to point No. 23.
72	Kindly clarify whether tree cutting, removal, transportation, stacking of timber/wood, and obtaining all relevant NOCs/permissions from the concerned authorities will be the responsibility of the Client or Contractor.	NOCs will be provided. Please refer to the ESIA and ESIA Addendum available on the KWSSIP website.