

These clarifications and amendments to the Bidding Documents are hereby issued in respect of **Tender No. PF-08/25-26/LHR/PFHP** for the work titled "**Construction of Road Network at PAEC Foundation Housing Project, Lahore,**" which was advertised in the *Daily Express*, *The Express Tribune*, and on the PPRA website. These clarifications and amendments are issued in response to the queries and requests received from prospective bidders who had purchased the Bidding Documents.

1. Clarifications / Amendments

Sr. No	Contractor Queries	Clarification / Amendments
01	In BOQ Item No. 1.14, it is stated that "Providing and Laying in floor CC 1:2:4 tuff pavers (2-1/2" thick) of approved design and color pattern laid in sand cushion." However, the drawings indicate a sub-base beneath the pavers instead of concrete base. Therefore, it is requested that this discrepancy may kindly be clarified specifically whether the pavers are to be laid over a concrete base (CC 1:2:4) or over a sub-base as reflected in the drawings and existing site conditions.	Tuff pavers (1:2:4) C.C 2-1/2" thick on sand cushion over a sub base as shown in drawing. C.C (1:2:4) is meant for tuff pavers manufacturing neither a concrete base.
02	It is respectfully stated that, in accordance with "Bidding Documents" clause 32.1, page 27 (Annex-A). The contractor shall provide the Performance Security of an amount equal to 10% the contract price in accordance with the provisions of Sub-clause 10.1, GCC Part-I (Annex-B), and in accordance with Sub-	In view of the provisions of the Pakistan Engineering Council (PEC) Standard Bidding Documents (December 2023), it is approved that Clause 32.1 of the Bidding Data be amended to provide for the release of fifty percent (50%) of the Performance Security upon issuance of the Taking-Over Certificate (TOC), while the remaining fifty

	clause 10.2, the performance security shall be returned to the contractor within 14 days of the issue of the "Defect Liability Certificate". Whereas, as per Particular Conditions, Part-B "Special Provisions" Page 108 (Annex-C) of the Pakistan Engineering Council " Standard Bidding Documents" December 2023, the performance security shall be reduced by 50% upon issue of "Taking Over Certificate" (TOC), which is in the best interest of the project to prepare and submit a competitive bid. Hence, it is requested that the " Bidding Data" clause 32.1, page 27, may please be reviewed in accordance with the above-mentioned clause of the PEC Standard Bidding Documents, and please be incorporated in the Bidding documents.	percent (50%) shall be retained until the issuance of the Defects Liability Certificate (DLC) and released thereafter in accordance with the Contract.
03	Thickness of Asphalt 1" showing in BOQ as it's not possible technically. Kindly clarify its Thickness and whether its base course or wearing course	The allowable tolerances shall be according to limits as included in Table 15.5.
04	Testing of Sub-base layers which are already done will be responsibility of client.	Testing of sub-base layer will be decided by the competent authority either through third party or the Contractor

2. Revised BOQ

Bill No.1: Leftover Road & Paths

Item No	Description	Unit	Qty.	Unit Rate (Rs.)		Amount (RS.)
				Figures	Words	
1	2	3	4	5		6
1.1	Excavation or cutting in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock) to a required grade, camber and side slopes including dressing top and sides and disposal of excavated stuff within a lift of 5 ft. (1.52 m) and lead within project Boundary.	CM	10,500			
1.2	Compaction of Natural Ground i/c leveling, dressing and watering complete as per direction of Engineer-in-Charge	SM	30,500			
1.3	Compaction of earthen embankments to full depth and width below sub-grade level by approved mechanical means in layers not exceeding 9" (229 mm) in depth at optimum moisture content including watering, mixing by mechanical means complete (the sub-grade embankment of 3 Ft. (914 mm) or less in height shall be compacted to at least 95% modified A.A.S.H.O. max. dry density or their full depth and width, embankments	CM	1,600			

	over 3 ft. (914 mm) in depth shall have top 3 ft. (914 mm) compacted to not less than 95% modified A.A.S.H.O. maximum dry density to their full depth and width and portion below 3 ft. (914 mm) compacted not less than 85% modified A.A.S.H.O. max. dry density to their full depth and width) .					
1.4	Making earthen embankments with earth taken from approved borrow pits including cost of excavation, placing earth in layers not exceeding 9" (229 m) depth as per approved section including dressing top and sides of the bank within a lift of 5 ft. (1.52m) and lead project boundary. (30.5 m) in all kinds of soil (except gravelly, murum, wet silt, clay or mud and rock).	CM	1,600			
1.5	Supplying and laying machine crushed stone 2-1/2" to 3/4" (64 mm to 19 mm) stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including 25 % stone dust, watering with all lead and lift complete (actual compacted depth shall be considered for payment)	CM	5,100			
1.6	Supplying and laying machine crushed Stone 1-1/2" to 1/2" (38 mm to 13 mm)	CM	5,100			

	stone ballast of approved grade and quality in sub-base or base courses in required grade and camber and compacting to the required density by approved mechanical means (Vibratory Roller, Road Packer and Smooth Wheel Roller etc.) including 25% stone dust, watering with all lead and lift complete (actual compacted depth shall be considered for payment). Mixed of 25% Stone dust.					
1.7	Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer up to 2" (51 mm) thickness including priming coat @20 Lbs. per %Sft complete.	Ton	1,120			
1.8	Providing and laying hot-mix bituminous concrete runway pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in two layers up to 3" (76 mm) thickness including priming coat @20 Lbs. per %Sft complete.	Ton	610			
1.9	Providing and laying kerb stone 18" x 12" x 6" (457 mm x 305 mm x 152 mm)	RM	610			

	obtained from approved quarry, chisel dressed on top and sides, laid in cement mortar t: 4 ruled cement pointing in cement mortar 1:3 including cost of excavation and back filling of excavated stuff and its disposal within one chain lead as directed by engineer in charge/within project boundary					
1.10	Paint on Kneb Stone surface with enamel paint of approved make Shade by Spray machine / Brush two coats over and including the cost of one priming coat complete at any height in any floor.	RM	910			
1.11	Pavement marking in reflective CR Paint of approved make and shade for lines of 15 cm width , with road marking machine complete as per directions of Engineer-in-charge	RM	3,540			
1.12	Reflectorized Plastic pavement stud (Raised profile type-double), fixed with epoxy adhesive complete as per direction of Engineer-in-charge	Each	444			
1.13	Brick Edging with 1st class burnt bricks in road work complete as per direction of Engineer-in-Charge.	RM	4,500			
1.14	Providing and laying in floor C.C. 1:2:4: tuff paver 2-1/2" thick of approved design and color pattern laid on sand cushion filling of joint with sand and warring etc. complete as per direction of Engineer In	SM	16,950			

	charge. (the cost of sand cushion is included)					
	A) Average strength 7000 psi					

Bill No.2: Resurfacing of Roads

Item No	Description	Unit	Qty.	Unit Rate (Rs.)		Amount (RS.)
				Figures	Words	
2	2	3	4	5		6
2.1	Scarifying sub-base, base or wearing coat surface or flexible pavement by any other approved means up to required depth including disposal of rubbish within 3 chain (91 m) complete as required.	SM	27,200			
2.2	Cold milling of asphalt layer/concrete surface of specified thickness, loading of debris onto haul trucks via conveyor system and disposal at appropriate place i/c the charges of self-propelled milling machine of specified size, dumper, pump, water lorry, compressor and Tungsten Carbide Bits etc. complete in all respect as approved by Engineer In charge	SM	27,200			
2.3	Providing and laying hot-mix bituminous concrete pavement laid with mechanical paver and mixed in central mixing plant in	Ton	7,200			

	required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design: in single layer up to 1-1/2" (38 mm) thickness including Air cleaning of Existing Road with air compressor, Tag coat @20 Lbs. per %Sft complete.					
2.4	Pavement marking in reflective CR Paint of approved make and shade for lines of 15 cm width , with road marking machine complete as per directions of Engineer-in-charge	RM	9,200			
2.5	Reflectorized Plastic pavement stud (Raised progile type-double), fixed with epoxy adhesive complete as per direction of Engineer-in-charge	Each	1,100			
2.6	Providing and fixing M. S. tees, angles and flats including welding all the sides of the section at the junction, gusset plates, bolts, nuts etc. complete with hoisting and erecting in position in steel trusses, frames, towers etc. of any design in ground floor.	Kg	900			
2.7	Paint on Kreb Stone surface with enamel paint of approved make Burjur and Black & yellow Shade by Spray machine / Brush two coats over and including the cost of one priming coat complete at any height in any floor.	SM	950			

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