



KAA/OT/WAP/0040/2019-2020

24th December, 2019

To: All Tenderers

RE: PROPOSED PAVEMENT REHABILITATION WORKS AT WILSON AIRPORT

TENDER NO. KAA/OT/WAP/0040/2019-2020

ADDENDUM NO.4

The following are tender clarifications/addendum issued regarding the above tender in accordance to instructions to tenderers clause 7 of the bidding document for the referenced tender:-

NO.	AMENDMENT
I.	In the Appendix to Instructions to Tenderers, the following amendments are made on Clause 2.2 Qualification Requirements (a) Mandatory Qualification Requirement:
a)	Requirement No. 4 is amended as follows: Copy of valid registration certificate for the year 2019 issued by the National Construction Authority (NCA) for category NCA1 to NCA4 for civil works category. The registration certificate Must be accompanied by a Valid NCA practicing license.
b)	Requirement No.5 is amended to read as follows Copies of the following documents as proof of access to liquid assets of not less than Kshs 15 Million or capacity to have a minimum cash flow of Kshs 15 million. This shall be evidenced by: <ol style="list-style-type: none">1. Letter of line of credit from approved financial institution specific to this project and indicating the amount available or2. Overdraft facility from a commercial bank specifically for this project and indicating the amount to be availed or3. Current bank statement for the last three months or4. A combination of the above.

c)	Requirement No.6 is amended to read as follows: Tender Security amounting to Ksh 1,000,000/= in the prescribed format valid for 150 days from the tender opening date.
2.	In the Appendix to Instructions to Tenderers, the following amendments are made on Clause 2.2 Qualification Requirements (b) Technical Qualification Requirement:
a)	<p>Requirement No. 1 Proof of two (2) similar works (roads/ runway pavements finished to asphalt concrete standards) undertaken within the last 5 years (from 2014 to 2018) each with a value of not less than Kshs 50 Million evidenced by;</p> <ul style="list-style-type: none"> • Copies of completion certificate or • Copies of Letter of Award and Payment Certificate of not less than 60% value of the contract.
b)	<p>Requirement No.2 Equipment and Machinery Must demonstrate access to the following key minimum equipment (invoices, receipts, leased or hired-all stamped and signed) necessary to undertake the work;</p> <p>1 No. AC Paver with automatic level sensors 2 No. Water Bowser - (≥8,000 Lts) 3 No. Tipper trucks – ≥15 Tonnes 1 No. Pneumatic self-propelled compaction roller - ≥10 Tons 1 No. Vibrating Drum Roller – ≥10 Tonnes 1 No. Steel Drum Roller – ≥15 Tons 1 No. Pressure bitumen distributors 1 No. Excavator – ≥1.7m³ capacity 2 No. Pick-up trucks</p> <p>Notes</p> <ul style="list-style-type: none"> • If owned, must provide clear copies of log book or proof of ownership • If equipment is hired or leased, provide a certified copy of a written agreement to lease between lessee and lessor indicating list of equipment and their corresponding log books or proof of ownership by lessor. • The equipment listed shall be available on site when required. <p>If to be leased from a government department a letter written to KAA Managing Director/ CEO indicating that the department shall avail the equipment upon award of the tender.</p>

Requirement No.6 is amended to read as follows:

Qualifications and technical experience of site personnel to manage and execute the works on the site. Bidders shall submit the following documents which shall be used to evaluate:

- Copies of academic certificates
- Copies of professional certificates
- Curriculum vitae signed by the nominee

- Bidders should submit site organizational structure detailing the positions and the names of the nominees.

Site Agent/Site Engineer (Principal site representative of the contractor):

1. BSc Civil Engineering or equivalent
2. Registered Professional Engineer (EBK / IEK)- **Mandatory**
3. Current EBK Practicing License
4. Specific experience on asphalt concrete pavements (roads / airports) – five years

Site Foreman (Asphalt Concrete works)

1. National Diploma in Civil Engineering or equivalent
2. Experience – Ten years
3. Specific experience on asphalt concrete pavements (roads / airports) – Ten years

Engineering Surveyor

1. National Diploma in Surveying/Civil Engineering or equivalent
2. Experience on roads/aircraft pavements or similar survey work – Eight years

Lab Technician

1. National Diploma in Civil Engineering or equivalent
2. Experience – Eight years in materials sampling and testing

3.	SECTION V – Specifications are amended as per the attached
4.	SECTION IV – SPECIFICATIONS, DRAWINGS AND BILLS OF QUANTITIES/SCHEDULE OF RATES The Bill of Quantities have been replaced with the attached.
5.	A complete Confidential Business Questionnaire has been attached
6.	Cost of passes and parking fees Kenya Airports Authority will waive parking fees for approved contractor's vehicles, plant and equipment including the cost of passes for approved contractor's personnel for the duration of the contract.

7.	<p>Scope of works</p> <p>The scope of works is as detailed in the revised Bills of Quantities (BQ) that is in this addendum.</p> <p>The works will include but not limited to:-</p> <ul style="list-style-type: none"> (a) Site clearing and topsoil stripping (b) Taxiway and Apron earthworks to details (c) Laying of pavement structural layers (d) Laying of asphalt surfacing layer (e) Culvert and drainage works (f) Preliminary items for mobilization <p>Note: The total work area has been reduced. It has been revised from 8705 SM to 7100 SM as indicated in the BQ.</p>
6.	<p>Submission of tenders – The tender document is to be submitted online as per Invitation for Tenders – Section I of the tender document. However, the tender surety/ tender security/bid bond has to be submitted physically as per Addendum No.3 before the closing/opening date and time.</p>

The closing/opening date remains as 14th January, 2020 at 11.00 a.m.

This addendum forms part of the bidding document and is binding on all bidders. All other conditions remain the same.



Patrick K. Wanjuki
GM (PROCUREMENT AND LOGISTICS)
For: MANAGING DIRECTOR/CEO

SECTION V – SPECIFICATIONS

General Provisions

The specifications for the works shall be the Ministry of Roads And Public Works Standard Specification For Roads And Bridge Construction (1986) as amended herein by the special specification.

Special Specifications

Clause 101: Location of site

The site is located at Wilson Airport in Nairobi. The proposed rehabilitation works are within the airside at the airport, which is a restricted area.

Clause 102: Scope of Works:

The works will include but not limited to; -

- (a) Site clearing and topsoil stripping
- (b) Taxiway and Apron earthworks to details
- (c) Laying of pavement structural layers
- (d) Laying of asphalt surfacing layer
- (e) Culvert and drainage works
- (f) Preliminary items for mobilization

Clause 117: Add sub-clause 117

(K) In addition to providing, equipping and maintaining adequate first aid stations throughout the works in accordance with the Laws of Kenya, the Contractor shall allow for this in the rates and be responsible for all site welfare arrangements at his own cost.

Non-interference with Aircraft Movements and Safety Precautions

- i. The contractor shall ensure that neither his own operations, nor those of his Subcontractor(s), and no trespass by his employee shall interfere with the operations of aircraft using the airfield, and shall at all times maintain close liaison with the Designated Safety Officer.
- ii. The contractor shall ensure that the airfield service and emergency roads are maintained in open and serviceable conditions at all times.
- iii. The contractor shall ensure that the works are carried out in such a manner that they do not present hazardous conditions to aircraft.
- iv. The contractor shall allow in his rates for all inconvenience or delay caused by air movements and for all costs which may be carried by him in complying with the requirement for this specification. No claim shall be allowed or delays resulting from abnormal or increased aircraft movements during the contract period.



- v. Flying operations and aircraft ground maneuvering operation will continue throughout the entire period of the contract. The contractor shall comply strictly with all regulations and instructions of Airport Authorities in respect of all or any of the Contractor's operations that may take place upon or in any way affect operations at the airfield as if the said regulations and instructions were of statutory effect in Kenya.
- vi. The contractor shall be responsible for ascertaining the nature and effect of all such regulations and instructions and shall be deemed at all times to have full knowledge thereof.
- vii. No person who is deficient in eyesight or hearing shall be employed on the works and all safety regulations for the time being in force at the above are to be brought to the notice of all persons employed on the works and to be strictly complied with.

Clause 1209:

No overhaul will be paid for separately and Tenderers are to include it in their rates.

Bituminous Mix Bases, Binder and Wearing Courses

Clause 1602B:

(i) Penetration Grade Bitumen shall be 80/100

(ii) Aggregates shall be Class A

Clause 1604B:

Grading Requirements for the asphalt concrete shall be type 1 – 0/14

(a) Marshall stability = Min 9000

(b) Flow value = 3 – 5 mm

(c) Voids in total mix = 3 – 7 %

(d) Bitumen content = 4 – 7%



REHABILITATION OF PAVEMENTS AT WILSON AIRPORT

ITEM	DESCRIPTION	UNIT	QTY	RATE KSHS	AMOUNT KSHS
	<u>Pavement Repair (Twy Charlie Part, VIP and Phoenix Grass Area), Total pavement area 7100m²</u>				
1.01	Allow for preliminaries for mobilization, set up camp and provide contractors site office, storage facilities etc including connection of services to the camp and other minor preparatory works, and compliance with conditions of contract. Camp location to be indicated by the Engineer.	Lump Sum	1.00		
1.11	Allow a prime cost sum of Kshs. 300,000.00 for removal and reinstatement of services	PC Sum	1.00		
1.12	Include percentage of PC Sum in item 1.11 for contractors overheads and profit	%	1.00		
	Engineers Staff Cost				
1.16	Allow a prime cost sum of Kshs. 500,000.00 for Engineer and his staff supervisory cost	PC Sum	1.00		
1.17	Include percentage of PC Sum in item 1.16 for contractors overheads and profit	%	1.00		
	Materials Testing				
1.18	Allow prime cost sum of Kshs. 500,000.00 for testing of materials as may be required by the Engineer	PC Sum	1.00		
1.19	Include percentage of PC Sum in item 1.18 for contractors overheads and profit	%	1.00		
	Earthworks				
	Note: No separate payments will be made for the earthworks overhaul and this will be included in the rates.				



5.12	Excavate to spoil in all materials on pavement reconstruction areas as directed by the Engineer and dispose to approved sites	cu.m	7,100.00		
	Drainage works				
8.11	Demolish existing drains	M	80.00		
8.12	Provide and lay reinforced concrete class 25 for reconstruction of slot drains, include all necessary formwork.	cu.m	50.00		
8.13	Repair existing steel covers for slot drains	m	80.00		
	Natural material and sub base				
12.15	Provide, place and compact rockfill below pavement structures as directed by the Engineer	cu.m	4,970.00		
12.16	Lay and compact approved hand pack stone material and leveling quarry dust as detailed in the specs to 98% MDD(AASHTO 99) Standard compaction.	cu.m	2,130.00		
	Bituminous surface treatment and surface dressing				
15.12	Provide ,heat and spray MC 30 cutback prime coat at the rate of 0.9-1.1l/sqm to reconstructed areas	L	7,100.00		
15.21	Provide,heat and spray tack coat as directed by the Engineer at the rate of 0.8-1.0l/sqmfor all pavements.	L	7,100.00		
	Bituminous binder and wearing course				
16.10	Provide, spread and compact bituminous base course, using 20mm max size aggregate and 4.5-7% , 80/100 penetration grade bitumen content by weight. Average thickness -75mm	cu.m	535.00		
16.20	Provide, lay and compact asphalt type 1 wearing course using 14mm max size aggregate and 5.5-7%, 80/100 penetration grade bitumen content by weight. Average thickness 50mm	cu.m	355.00		
	SUB-TOTAL				
	ADD VAT 16%				
	GRAND SUMMARY				

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2(b) or 2(c) whichever applied to your type of business.

You are advised that it is a serious offence to give false information on this form.

Part I General

Business Name

Location of Business Premises

Plot No,..... Street/Road

Postal address Tel No. Fax Email

.....

Nature of Business

Registration Certificate No.

Maximum value of business which you can handle at any one time – Kshs.

Name of your bankers.....

.....

Branch.....

Part 2 (a) – Sole Proprietor

Your name in full.....Age.....

Nationality.....Country of Origin.....

Citizenship details

.....

Part 2 (b) – Partnership

Given details of partners as follows

Name	Nationality	Citizenship details	Shares
1.
2.
3.
4.

Part 2 (c) – Registered Company

Private or Public

State the nominal and issued capital of company

Nominal Kshs.

Issued Kshs.

Given details of all directors as follows

Name	Nationality	Citizenship details	Shares
1.
2.
3.
4.

Date.....Signature of Candidate.....

