

Annex 9.1
Schedule 4.1 [Bills of Quantities and Rates]
Original Issue

WB Project - Community Resilience and Livelihood Project CRLP
Urban Area

Kandahar, Afghanistan

Project Name/Components:

**construction of gilan plum concrete surface street with total length of 410m in
gozar #1,
district #8, kandahar city**

NOTICE TO ALL BIDDERS - COMPLETE PROJECT PRICE:

a) This BOQ is part of the complete project documents and must be read together with the other parts. Complete project documents may include contract, drawings, BOQ, Specifications, Schedules, Preambles, etc. b) Bidders must inform UNOPS for any discrepancies between documents prior to pricing the items in the BoQ. c) Prices given by the bidders on this BOQ are to cover everything mentioned in the complete Contract documents. d) Changes to the market prices during project period as well as unavailability or shortage of materials/items are to the responsibility of the Contractor with no extra payment or adjustment.

Currency: **Afghani**

Project No: KDR-D8-SP02

Project Name: **construction of gilan plum concrete surface street with total length of 410m in
gozar #1,
district #8, kandahar city**

Location: Kandahar, Afghanistan

Original Issue: Tuesday, September 17, 2024

Revision No.: **N/A**

Revision Date: N/A

Afghanistan Community Resilience and livelihoods Project

Bills of Quantities

Project No: **KDR-D8-SP02**
 Project Name: **construction of gilan plum concrete surface street with total length of 410m in gozar #1,**
 Location: **Kandahar, Afghanistan**
 Original Issue: **September 17, 2024**
 Currency: **Afghani**
 Revision No.: **N/A**
 Revised Date: **N/A**

General Notes:

1	The contractor is required to pay a daily wage of 450 AFs for unskilled laborers and 700 AFs for skilled laborers, payable every 21 calendar days. When pricing the labor items of Bills of Quantities (BOQ) it's required to quote a minimum daily wage of 450 AFs for unskilled laborers and 700 AFs for skilled laborers considering the allocated wages unit rate with indirect cost (if any).
2	a) This BOQ is part of the complete project documents and must be read together with the other parts. Complete project documents may include contract, drawings, BOQ, Specifications, Schedules, Preambles, etc. b) Bidders must inform UNOPS for any discrepancies between documents prior to pricing the items in the BoQ. c) Prices given by the bidders on this BOQ are to cover everything mentioned in the complete Contract documents. d) Changes to the exchange rate or market prices during project period as well as unavailability or shortage of materials/items are to the responsibility of the Contractor with no extra payment or adjustment.
3	Mainly, the unit cost of items/activities in the BoQ are without the cost of unskilled and skilled laborers in those activities. Costs of direct laborers for all items are being priced collectively under separate line-items 1314.01A and 1314.01B.

Series and section numbers in this document are based on the given Specifications.

Series and Section	Description	Unit of Measure	Quantity	Unit price	Sub Total
Read relevant sections in the given Specifications for each of the items in Bills of Quantities prior to pricing !					
Series 1000 - General Items					AFN -
Duration for this subproject required by UNOPS to be as 105 calendar days. The Bidder/Contractor is solely responsible to prepare their Work-Plan accordingly.					
1116j	Environment and Social Management (provisional sum)	lump sum	1.00	AFN 197,064.00	AFN 197,064.00
	<i>The provisional sum for this item covers all UNOPS's requirements for the implementation of ESMP items & series of 1100 to 1300 of the given Specification and Engineer consent. The contractor should be paid based on the approved and done items (breakdowns) stated in the ESMP.</i>				
1203.01	Mobilisation	lump sum	1.00	AFN -	AFN -
	<i>Cost for this item covers all relevant due expenses mentioned in series 1100 to 1500 of the given Specifications.</i>				
1203.03	Demobilisation	lump sum	1.00	AFN -	AFN -
	<i>Cost for this item covers, but not limited, series 1200 related to Demobilisation of the given Specifications.</i>				
1314.01A	All required unskilled-labor-days for all activities in this BoQ (@450 AFN/unskilled-labor-day).	Labourers Days	6,651.00	AFN -	AFN -
	<i>For example, for a duration of 60 working days there would be a need of more or less 111 unskilled labourers per day to be provided. See 'General Notes' above and Section 1300 of the Specifications for labourers issues.</i>				
1314.01B	All required skilled-labor-days for all activities in this BoQ (@700 AFN/skilled-labor-day).	Labourers Days	687.00	AFN -	AFN -
	<i>For example, for a duration of 60 working days there would be a need of more or less 12 skilled labourers per day to be provided. See 'General Notes' above and Section 1300 of the Specifications for labourers issues.</i>				
Series 4000 - Earthworks					AFN -
4701.01A	Excavation and transportation of suitable and unsuitable material in all areas	cu.m	1,508.00	AFN -	AFN -
	<i>Cost for this item includes all excavations or cutting for all soil types (roads, shoulders, drainages, structures foundations, sidewalks, culverts, walls, curbs, cultivable area for soil replacement, etc. if applicable to this project) to conform design shapes, including immediate disposal and/or salvage of materials. Any extra excavation from the required depth not only won't be paid but also, the contractor have to reinstate it to its original condition at his own cost. All issues to be as per given drawings, Specifications and approval of Engineer.</i>				
4701.04A	Fill (imported materials)- by crushed aggregate base course material	cu.m	37.00	AFN -	AFN -
	<i>This is a crushed aggregate layer. This item covers all gravel layers under/at the foundations of structures (e.g. drainages, culverts, walls, etc. related to this project) shown on the design. The cost includes provision, haulage, spreading, levelling, moisturizing and compaction of the layer as required as per given design and Specifications. Soil derived from excavation is not allowed to be used in filling.</i>				
4701.04C	Fill (existing materials)	cu.m	111.00	AFN -	AFN -
	<i>This item covers backfill using materials derived from the excavation process. The filling to be around the structures (e.g. drainages, culverts, walls, curbs, etc. related to this project) that need to get proper levels. The cost includes transportation, haulage, spreading, levelling, moisturizing and compaction required as per given design. All issues to be as per given drawings, Specifications and approval of Engineer.</i>				
4701.05	Sub grade preparation	sq.m	3,743.00	AFN -	AFN -
	<i>This item covers required formation of subgrades and foundation surfaces for roads, shoulders, sidewalks, culverts and retaining walls foundations (if applicable) related to this project. The existing embankment or excavated surfaces shall be scarified, bladed, and shaped to the given cross-section. High places in the surfaces shall be cut to grade and scarified; the resulting material to be hauled and deposited on low areas as directed by the Engineer to bring the surface of the subgrade to the elevation shown on the drawings or approved by the Engineer. The cost for this item includes scarifying of higher areas, shifting and filling of holes at lower areas, making the surface even levelled and smooth, and well compacted to the given designs, and finally removal of unwanted objects and excessive materials (if any) from the underwork area. All issues to be as per given drawings, Specifications and approval of Engineer.</i>				
Series 5000 - Concrete Structures					AFN -
5901.01	Concrete of the required strength as shown on the drawings	cu.m	4.00	AFN -	AFN -
	<i>This item covers 15Mpa PCC (plain cement concrete). This item covers concrete shown at foundations of structures that shown as 15Mpa. All issues to be as per given drawings, Specifications and approval of Engineer.</i>				
5901.03	Concrete of the required strength as shown on the drawings	cu.m	94.00	AFN -	AFN -
	<i>This item covers 25Mpa PCC/RCC (plain/reinforcement cement concrete). This item covers all concrete at drainages, culverts, walls, curbs, roads-speed-breakers, feature, etc. (if applicable to this project) that shown as 25Mpa concrete. The cost for this item covers construction joints and joint fillers, all required auxiliary materials etc. shown or asked by Engineer for a complete concrete job. All issues to be as per given drawings, Specifications and approval of Engineer.</i>				
N/A	Installation of barriers - made of concrete RCC well rings	Ring No.	4.00	AFN -	AFN -
	<i>This item covers provision, installation and filling of the well RCC rings at the start and end points of plum concrete streets with ≥4m carriage way. As per street width and site condition, One or Two rings to be installed in a fashion to prevent entry of heavy vehicles at both ends of the street(s). The cost includes RCC well rings, its filling by compacted clay and also a 5cm-thick PCC 15Mpa concrete layer on top (to seal the ring & having slopes from center to all around). Details for all other issues to be as per approval of Engineer at site.</i>				

Series 6000 - Reinforcement for concrete structures					AFN	-
6401.01	Supply and place reinforcement	Kg	440.00	AFN	-	AFN -
	<i>The cost for this item covers all materials, efforts, auxiliary items etc. that are required for steel reinforcement anywhere shown on the drawings. All issues to be as per given drawings, Specifications and approval of Engineer.</i>					
Series 7000 - Pavements					AFN	-
7105.01A	Sub base - imported materials	cu.m	675.00	AFN	-	AFN -
	<i>This item covers subbase layers at the road and/or shoulders etc.. All issues to be as per given drawings, Specifications and approval of Engineer.</i>					
7705.01	Plum concrete pavement	cu.m	574.00	AFN	-	AFN -
	<i>This item covers plum concrete pavement with the size and characteristics of the given design. The cost includes all required shuttering, anchors, and other auxiliary materials as needed. If construction joints shown, the cost also includes all materials and efforts for the joints. All issues to be as per given drawings, Specifications and approval of Engineer.</i>					
N/A	Steel grilles over some parts of the plum concrete side drains	sq.m	22.00	AFN	-	AFN -
	<i>The cost for this item covers complete steel grilles, the provision, installation, 2 coats of anti-rust and 1 coats of oil-based painting, etc. to functional grilles. The cost includes all materials, efforts, auxiliary items etc. that are required for the job as per given drawings. All issues to be as per given drawings and approval of Engineer.</i>					
N/A	Steel guardrails	lin.m	5.00	AFN	-	AFN -
	<i>The cost for this item covers complete steel guardrails, the provision, installation, etc. to functional guardrails. The cost includes all materials, efforts, auxiliary items, anchors, etc. that are required for the job as per given drawings. All issues to be as per given drawings and approval of Engineer.</i>					
Series 8000 - Ancillary Works					AFN	-
Section 8100 - Pitching and stonework						
8106.06	Cement-mortared stone masonry walls	cu.m	118.00	AFN	-	AFN -
	<i>This item covers application of stone masonry at walls/features as shown. The cost also covers flash pointing 1:3 to all grooves of the exposed face of the new stone masonry. The cost also includes auxiliary items, anchorages etc. as per design. This item also covers provision and installation of 2" PVC pipes at stone walls (if shown), and as well as the construction of invert filter at the intakes of the mentioned PVC pipes (if shown) as per given drawings. All issues to be as per given drawings, Specifications and approval of Engineer.</i>					
Grand Total:					AFN	-