



5th September 2019

ADDENDUM 2

TO ALL BIDDERS,

REF: UNDP/SOM/ITB/2019/008/IP: Construction of NIEC Data Centre in Mogadishu- Somalia

Please note that the following change has been made to the ITB:

1. Bid Submission deadline has been extended as below:

DS. No.	Cross Ref. to Instructions	Data	Specific instructions/ Requirements
14	23	Deadline for Submission	7.00 a.m. (New York time) and 2.00 p.m. East African Time (GMT+3) on 15/09/2019

2. The BOQ has been revised as below:

S.n.	Description	Unit	QTY	Rate in \$	Amount in \$
5.5	Construct 17 pieces of 40cm x 40cm reinforced concrete columns of 400cm height of the building. The concrete must be 1:2:4 mixing ratio and reinforced with No. 8 Y16 and staffs of Ø 8mm @250mm c/c. N.B. Note that the columns should be protected from sun and kept moist for at least 10 days.	m ³	10.88		-
5.11	Construction of reinforced concrete 1:2:4 mixing ratio loaded beam of 30cm width and 70cm height (20cm inside of the slab and 50cm outside). The concrete should be reinforced with 6 pieces of straight bars diameter Ø 16mm (2 on top and 4 at the bottom), 2 pieces of bended bars diameter Ø 16mm and 2 reinforcement bars of diameter Ø 16mm of 300cm length on top of the columns. All these bars should be united by staffs of 8mm@ 250mm/cc. N.B. Note that the calculated quantities volume is only the lowest part of the beams (50cmx30cm) as the top part is inside of the slab and will considered part of the slab structure.	m ³	17.50		-
8.1	R.C (1:2:4 Mixing ratio) slab cover of 20cm thick with Ø 12mm main bars and 10mm distribution bars both ways at top and bottom and distanced 15cm c/c .Formwork must be accurately set out, this means when remove the formwork all surfaces should be smooth and NO NEED TO BE PLASTERED, so that the resulting concrete product is in a right place and is of correct shape and size, as per standard and specifications. N.B. The structure should be kept moist and protect from the sun for at least 10 days.	m ³	64.43		-



S.n.	Description	Unit	QTY	Rate in \$	Amount in \$
23.5	Provide and fix 8cm ventilations inside safe room, using 10cm dia of PVC pipe inside walls and roof, including fixing of small fans at top of pipe outside. As per UNDP instructions	No. s	6		
23.8	Construct 24 pieces of 40cm x 40cm reinforced concrete columns of 315cm height of the building. The concrete must be 1:2:4 mixing ratio and reinforced with No. 8 Y16 and staffs of Ø 8mm @250mm c/c. N.B. Note that the columns should be protected from sun and kept moist for at least 10 days.	m ³	12.10		-
23.12	Construction of reinforced concrete 1:2:4 mixing ratio loaded beam of 30cm width and 70cm height (20cm inside of the slab and 50cm outside). The concrete should be reinforced with 6 pieces of straight bars diameter Ø 16mm (2 on top and 4 at the bottom), 2 pieces of bended bars diameter Ø 16mm and 2 reinforcement bars of diameter Ø 16mm of 300cm length on top of the columns. All these bars should be united by staffs of 8mm@ 250mm/cc. N.B. Note that the calculated quantities volume is only the lowest part of the beams (50cmx30cm) as the top part is inside of the slab and will be considered part of the slab structure.	m ³	18.24		-
26.1	R.C (1:2:4 Mixing ratio) slab cover of 20cm thick with Ø 12mm main bars and 10mm distribution bars both ways at top and bottom and distanced 15cm c/c .Formwork must be accurately set out, this means when remove the formwork all surfaces should be smooth and NO NEED TO BE PLASTERED, so that the resulting concrete product is in a right place and is of correct shape and size. N.B. The structure should be kept moist and protect from the sun for at least 10 days.	m ³	65.50		-
36.3	For safe room: Provide and fix 220cm height, 90cm width and with 6.5mm thick ballistic double steel panel plain door framed with UPN-80mm x 40mm x 3mm thick and external door frame of angle iron of 100mm x 100mm x 5mm thick. The door should have very strong hinges made with GI pipes of diameter Ø 40mm and iron bars of diameter Ø 20mm welded nicely to the edge of angle iron of external frame and the UPN. The price will be included fabrication of the door with all required fittings such as lock, hinges, handle etc. as well as three coats of anti-rust paint on internal and external door surfaces including the frame.	Item	4		-
38.3	For safe room corridor: Provide and fix 220cm height, 180cm width and with 6.5mm thick ballistic double steel shatter plain sliding door framed with UPN-100mm x 60mm x 5mm thick and external door frame of angle iron of 100mm x 100mm x 6mm thick. The door should have very strong hinges made with GI pipes of diameter Ø 50mm and iron bars of diameter Ø 20mm welded nicely to the edge of angle iron of external frame and the UPN. The price will be included fabrication of the door with all required fittings such as lock, hinges, handle etc. as well as three coats of anti-rust paint on internal and external door surfaces including the frame.	Item	2		
41.8	Construction of reinforced concrete 1:2:4 mixing ratio loaded beam of 30cm width and 70cm height (20cm inside of the slab and 50cm outside). The concrete should be reinforced with 6	m ³	4.77		-



S.n.	Description	Unit	QTY	Rate in \$	Amount in \$
	pieces of straight bars diameter Ø 16mm (2 on top and 4 at the bottom), 2 pieces of bended bars diameter Ø 16mm and 2 reinforcement bars of diameter Ø 16mm of 300cm length on top of the columns. All these bars should be united by staffs of 8mm@ 250mm/cc. N.B. Note that the calculated quantities volume is only the lowest part of the beams (50cmx30cm) as the top part is inside of the slab and will considered part of the slab structure.				
44.1	R.C (1:2:4 Mixing ratio) slab cover of 20cm thick with Ø 12mm main bars and 10mm distribution bars both ways at top and bottom and distanced 15cm c/c .Formwork must be accurately set out, this means when remove the formwork all surfaces should be smooth and NO NEED TO BE PLASTERED, so that the resulting concrete product is in a right place and is of correct shape and size. N.B. The structure should be kept moist and protect from the sun for at least 10 days.	m ³	7.49		-
59.9	Construction of reinforced concrete 1:2:4 mixing ratio loaded beam of 30cm width and 70cm height (20cm inside of the slab and 50cm outside). The concrete should be reinforced with 6 pieces of straight bars diameter Ø 16mm (2 on top and 4 at the bottom), 2 pieces of bended bars diameter Ø 16mm and 2 reinforcement bars of diameter Ø 16mm of 300cm length on top of the columns. All these bars should be united by staffs of 8mm@ 250mm/cc. N.B. Note that the calculated quantities volume is only the lowest part of the beams (50cmx30cm) as the top part is inside of the slab and will considered part of the slab structure.	m ³	13.68		-
62.1	R.C (1:2:4 Mixing ratio) slab cover of 20cm thick with Ø 12mm main bars and 10mm distribution bars both ways at top and bottom and distanced 15cm c/c .Formwork must be accurately set out, this means when remove the formwork all surfaces should be smooth and NO NEED TO BE PLASTERED, so that the resulting concrete product is in a right place and is of correct shape and size. N.B. The structure should be kept moist and protect from the sun for at least 10 days.	m ³	69.64		-
72.1	For safe room: Provide and fix 220cm height, 180cm at the corricdor between width and with 6.5mm thick ballistic double steel panel plain sliding door framed with UPN-100mm x 60mm x 5mm thick and external door frame of angle iron of 100mm x 100mm x 6mm thick. The door should have very strong hinges made with GI pipes of diameter Ø 50mm and iron bars of diameter Ø 20mm welded nicely to the edge of angle iron of external frame and the UPN. The price will be included fabrication of the door with all required fittings such as lock, hinges, handle etc. as well as three coats of anti-rust paint on internal and external door surfaces including the frame.	Item	1		

Further, the revised ITB document (Revision 2) has been uploaded in the following links:

<https://etendering.partneragencies.org>

Business unit- SOM10

Event ID: ITB2019-08

OR

http://procurement-notices.undp.org/view_notice.cfm?notice_id=58245

OR

<https://www.ungm.org/Public/Notice/95074>

We regret any inconveniences that these changes may have caused you but look forward to your submission of your bid.

Yours sincerely

Iryna Malykh
Head of Procurement Specialist
UNDP Somalia