



**SOUTH SUDAN**

TOGETHER FOR INCLUSION PROJECT

**ESTIMATED BILL OF QUANTITIES AND MATERIALS**

FOR RENOVATION AND INSTALLATION OF RAMPS, SMOOTHENING PATHWAYS, INSTALLATION OF GRAB BARS AND OTHER PARAMETERS THAT ALLOW FOR ACCESSIBILITY TO SCHOOL BUILDINGS, CORRIDORS AND TOILETS/LATRINES IN 8 SCHOOLS FOR GREATER KAPOETA AND BUDI COUNTIES

*NOTE: Contractor is advised to visit all the sites for actual measurements of quantities and assessment of the scope of work before providing rates. All foreseeable variable elements of cost must be accommodated in rates since variation of prices will not be allowed. Rates provided herein are estimates of work based on assessment done, and are exclusive of profits or overheads and all taxes.*

**LOT 1: PARINGA PRIMARY SCHOOL**

S/NO	ITEM DESCRIPTION	UNIT	QUANTITY	COST/UNIT USD	TOTAL COST (USD)
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**ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS**

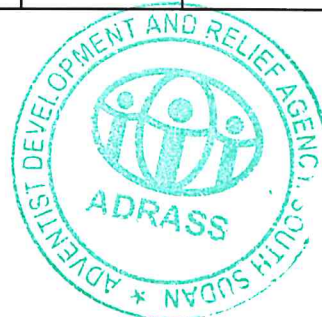
ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
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**SUB-TOTAL**

**ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR**

ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		

PREPARED BY: OKELLO JIMMY RANGA



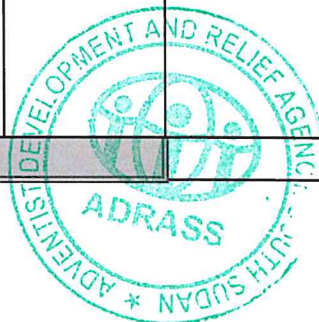
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		
<b>SUB-TOTAL</b>					-
<b>ELEMENT 03: ACCESSIBLE DOORS</b>					
AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					
ATL4.1	<b>ACCESS</b>				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
<b>SUB-TOTAL</b>					
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each	9		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of Learners With Disabilities (LWD) on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each selected latrine	2		
ATL4.4	<b>LATRINE SEAT</b>				

PREPARED BY: OKELLO JIMMY RANGA





	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each selected latrine	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				
	LUMPSUM includes Supply, construction and installation of reinforced concrete ramps at selected classrooms and latrines in continuation of the accessible pathway leading to the entrances, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		
b	Supply and fix steel bar reinforcement including bending, hooking, binding wire, cutting spacers and supporting all in	Kg	22		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					
<b>SUB-TOTAL FOR LOT 1:</b>					
<b>LOT 2: LOKWAMOR PRIMARY SCHOOL</b>					
<b>ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS</b>					
ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
<b>SUB-TOTAL</b>					



## ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR

ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		

### SUB-TOTAL

## ELEMENT 03: ACCESSIBLE DOORS

AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
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### SUB-TOTAL

## ELEMENT 04: ACCESSIBLE PIT LATRINE

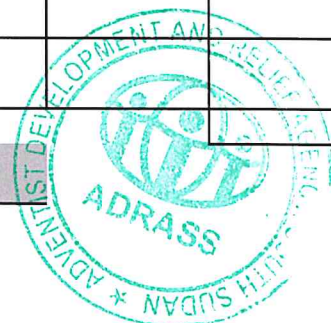
ATL4.1	ACCESS				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	DOOR				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each	4		





ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each	4		
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				
	LUMPSUM includes Supply, construction and installation of reinforced concrete ramps at selected classrooms and latrines in continuation of the accessible pathway leading to the entrances, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		-
b	Supply and fix steel bar reinforcement including bending, hooking, binding wire, cutting spacers and supporting all in	Kg	22		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					
<b>SUB-TOTAL FOR LOT 02:</b>					

PREPARED BY: OKELLO JIMMY RANGA



**LOT 3: LOOLIM PRIMARY SCHOOL****ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS**

ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
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**SUB-TOTAL****ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR**

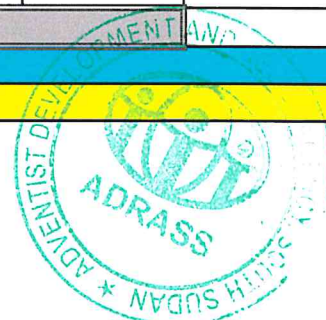
ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of afore mentioned various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		

**SUB-TOTAL****ELEMENT 03: ACCESSIBLE DOORS**

AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
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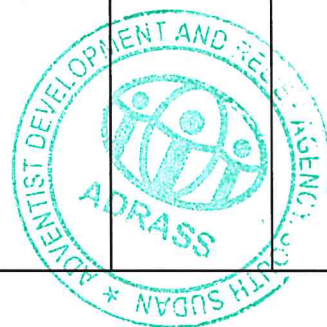
**SUB-TOTAL****ELEMENT 04: ACCESSIBLE PIT LATRINE**

ATL4.1	ACCESS				
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	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	DOOR				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each	4		
ATL4.3	HANDRAILS/GRAB BARS				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each selected latrine	2		
ATL4.4	LATRINE SEAT				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each selected latrine	2		
ATL4.5	DIRECTION/SAFETY				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
SUB-TOTAL					
ELEMENT 05: ACCESSIBLE CONCRETE RAMP					
AR5.1	LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE & TACTILE MARKING				
	LUMPSUM includes Supply, construction and installation of reinforced concrete ramps at selected classrooms and latrines in continuation of the accessible pathway leading to the entrances, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		



a	Concrete	M3	4.5		
b	Supply and fix steel bar reinforcement including bending, hooking, binding wire, cutting spacers and supporting all in	Kg	22		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					

**SUB-TOTAL FOR LOT 03:**

**LOT 4: KALDO PRIMARY SCHOOL**

**ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS**

ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
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**SUB-TOTAL**

**ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR**

ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of afore mentioned various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		

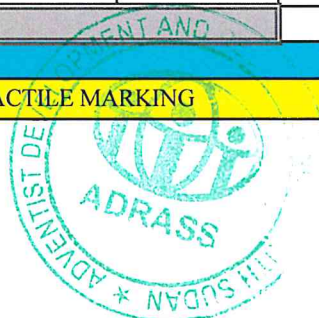
**SUB-TOTAL**

**ELEMENT 03: ACCESSIBLE DOORS**





AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					
ATL4.1	<b>ACCESS</b>				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each selected latrine	2		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each selected latrine	2		
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & paintstaken for easy cleaning, including making the gap narrower for comfort and safety	each	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				



	LUMPSUM includes Supply, construction and installation of reinforced concrete ramps at selected classrooms and latrines in continuation of the accessible pathway leading to the entrances, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		
b	Supply and fix steel bar reinforcement including bending, hooking, binding wire, cutting spacers and supporting all in	Kg	22		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					

#### SUB-TOTAL FOR LOT 04:

#### LOT 5: NACHILAGUR PRIMARY SCHOOL

##### ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS

ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	5		
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#### SUB-TOTAL

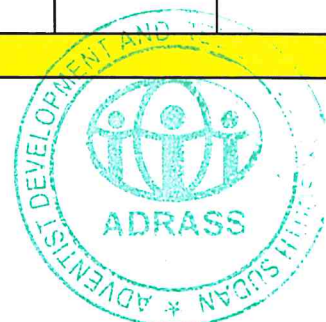
##### ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR

ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
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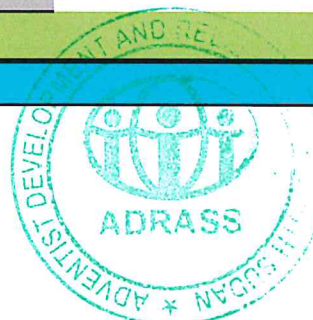




ABC2.2	Supply of materials and repair of afore mentioned various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		
<b>SUB-TOTAL</b>					
<b>ELEMENT 03: ACCESSIBLE DOORS</b>					
AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					
ATL4.1	<b>ACCESS</b>				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each	4		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				

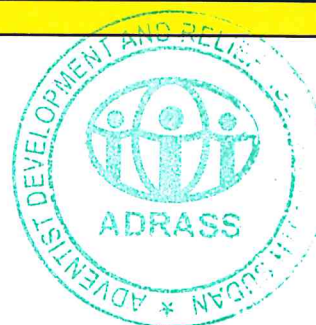


	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each	4		
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				
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b	Supply and fix steel bar reinforcement including bending, hooking, binding wire	Kg	22		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					
<b>SUB-TOTAL FOR LOT 05:</b>					
<b>LOT 6: LONGELEYA PRIMARY SCHOOL</b>					
<b>ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS</b>					

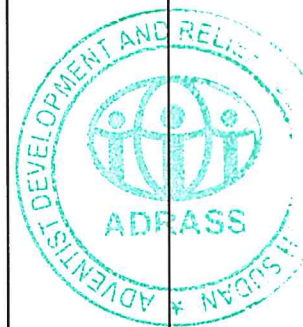




ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
<b>SUB-TOTAL</b>					
<b>ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR</b>					
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ABC2.2	Supply of materials and repair of various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CUM	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		
<b>SUB-TOTAL</b>					-
<b>ELEMENT 03: ACCESSIBLE DOORS</b>					
AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					
ATL4.1	ACCESS				

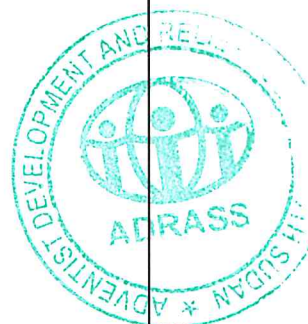


	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each	4		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each	4		
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				
	LUMPSUM includes Supply, reconfiguration, repairs and redesigning of existing ramps, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		





e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL FOR LOT 06:</b>					
<b>LOT 7: CHUKUDUM PRIMARY SCHOOL</b>					
<b>ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS</b>					
ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility.	SM	30		
<b>SUB-TOTAL</b>					
<b>ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR</b>					
ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of afore mentioned various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		
ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	12		
<b>SUB-TOTAL</b>					
<b>ELEMENT 03: ACCESSIBLE DOORS</b>					
AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					



ATL4.1	<b>ACCESS</b>				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each selected latrine	4		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each selected latrine	4		
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each selected latrine	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				
	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				





	LUMPSUM includes Supply, reconfiguration, repairs and redesigning of existing ramps, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					

#### SUB-TOTAL FOR LOT 07:

#### LOT 8: FRAKSIKA PRIMARY SCHOOL

##### ELEMENT 01: ACCESSIBLE ROUTES AND FOOTPATHS

ARF1.1	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	20		
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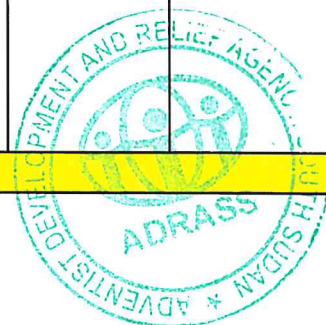
#### SUB-TOTAL

##### ELEMENT 02: ACCESSIBLE BUILDING CORRIDOR

ABC2.1	LUMPSUM includes repair and making good surfaces to provide slip-resistant and even finishes, including allowing for Unobstructed width of 1.50m to allow 2 wheelchairs to pass each other, and providing well dimensioned width of 0.90m.				
ABC2.2	Supply of materials and repair of afore mentioned various sizes of cracks in the floors of the highlighted corridors by cleaning the floor, preparation and application of mortar with the right ratios (cement and sand 1:3 semi-dry mix bed) on to the floor (25mm thick cement screeds of 1:3 mix steel floated as final finish. rare to include hacking the floor). CURING MUST be done for 5 days.	CU.M	10		




ABC2.3	Supplying and fixing accessible spaces with international symbols of accessibility, providing directional signs and using contrasting colors, providing none gloss surfaces, providing large lettering signs and color engraves signs	ITEM	5		
<b>SUB-TOTAL</b>					-
<b>ELEMENT 03: ACCESSIBLE DOORS</b>					
AD3.1	LUMPSUM includes supplying and repairs/greasing of the selected classroom doors to permit operation by a single motion with a little effort, to ease operation of handle levels & locks; omitting thresholds higher than 6mm; leveling to have sloped edges for easy passage of wheelchairs; providing numbers on the doorframes; including painting door frames with contrast colors with adjoining walls	CUM	11		
<b>SUB-TOTAL</b>					
<b>ELEMENT 04: ACCESSIBLE PIT LATRINE</b>					
ATL4.1	<b>ACCESS</b>				
	LUMPSUM includes clearing paths of all grass, shrub, debris, undergrowth, levelling, covering potholes, making good of all rough ground surfaces to provide slip-resistant and even, firm surfaces, including allowing for Unobstructed width of 1.50m leading to the important points of accessibility	SM	30		
ATL4.2	<b>DOOR</b>				
	LUMPSUM include making smooth running handle or lock that is easy to operate and grasp with one hand, including greasing and lubricating all the parts of the door, leveling thresholds at all the doors	each selected latrine	4		
ATL4.3	<b>HANDRAILS/GRAB BARS</b>				
	Supplying and fixing 50mm double metal bars or any other approved material, easy to grab handrails for support of PWDs on both sides of the latrine seats for rising up and sitting on latrine seat between 0.84m-0.92m from floor surface.	each selected latrine	4		-
ATL4.4	<b>LATRINE SEAT</b>				
	Construction of concrete seat (1:4) 0.41m high from finished floor surface, plastered, sharpless edges, painted & painstaken for easy cleaning, including making the gap narrower for comfort and safety	each selected latrine	2		
ATL4.5	<b>DIRECTION/SAFETY</b>				





	Supplying and fixing universally accepted symbols of accessibility at latrines	position	4		
<b>SUB-TOTAL</b>					
<b>ELEMENT 05: ACCESSIBLE CONCRETE RAMP</b>					
AR5.1	<b>LOCATION, SLOPE, WIDTH, LANDING, HANDRAILS, SURFACE &amp; TACTILE MARKING</b>				
	LUMPSUM includes Supply, reconfiguration, repairs and redesigning of existing ramps, including maintaining slope of 1:20m (5 cm per metre) or maximum slope of 1:25m (4cm per metre); width of the ramp at 1.5m for full accessibility. provide additional landing area for resting, maneuvering and avoiding excessive speed, minimum landing length and width to be equal to 1.5m each; provide landing at every 10m or every change of direction at the top & bottom of the ramp; surfaces to be hard and non-slippery	CUM	10		
a	Concrete	M3	4.5		
c	Formwork	M3	2		
d	Compacted gravel 100mm for levelling	M3	3.3		
e	Edges of ramps: over 225 mm high but not exceeding 300 mm	M3	2		
<b>SUB-TOTAL</b>					

**SUB-TOTAL FOR LOT 08:**

<b>SUMMARY</b>					
S/NO	ITEMS	LOCATION /COUNTY	AMOUNT	 <b>ADRA</b> SOUTH SUDAN <b>TOFI PROJECT</b>	
1	Paringa primary School	Kapoeta North			
2	Lokwamor Primary School	Kapoeta North			
3	Loolim Primary School	Kapoeta East			
4	Kaldo Primary School	Kapoeta East			
5	Nachilagur Primary School	Kapoeta South			
6	Longeleya Primary School	Kapoeta South			
7	Chukudum Primary School	BUDI			
8	Fraksika Primary School	BUDI			
<b>TOTAL ESTIMATED COST OF WORK IN USD</b>			-		

