REPUBLIC OF KENYA

COUNTY GOVERNMENT OF NYANDARUA

DEPARTMENT OF ROADS, TRANSPORT, ENERGY AND PUBLIC WORKS

SOLAR LIGHTING IN OL KALOU TOWN AND OTHER TOWNS WITHIN THE MUNICIPALTY

FOR

OL KALOU MUNICIPALITY

BILLS OF QUANTITIES

ARCHITECT,
COUNTY ARCHITECT,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

QUANTITY SURVEYOR,
COUNTY QUANTITY SURVEYOR,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

ELEC/MECH ENGINEER
COUNTY ELEC / MECH. ENGINEER,
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

STRUCTURAL ENGINEER,
COUNTY ENGINEER - STRUCTURAL
DIR. OF PUBLIC WORKS,
NYANDARUA COUNTY,
P.O. BOX 701-20303,
OL KALOU

OCTOBER, 2026

BUILDER'S WORKS

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	<u>ELEMENT NO. 01 - PRELIMINARIES</u> **The Contractor is to allow for all Preliminaries including site offices and stores, transport of workmen to and from site, transport of materials, supply, setting out, servicing, fueling of the plant and equipment, provision of plant operator, insurance for the works shall be the sole responsibility of the contractor and all other preliminaries incidental to these works**				
A	Allow for all contract management expenses covering the Project Manager's supervisory responsibilities, administration of the contract, evaluation of works progress, preparation and submission of reports, site inspections, and all other professional obligations necessary to ensure effective supervision and successful completion of the project.	Item	1	30,000	30,000.00
B	Allow for all community led projects management committees expenses covering supervisory, responsibilities ensure effective supervision and successful completion of the project.	Item	1	30,000	30,000.00
C	Allow for provision of insuarance of the works	Item	1		
	Element 01				
	TOTAL FOR PRELIMINARIES CARRIED TO SUMMARY			**KSHS**	

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	ELEMENT NO. 02. **STREET LIGHTING INSTALLATION.**				
A	An integrated solar street light fitting with 30Ah,12.8V Lithium Ferro Phosphate battery with 2000 charge and discharge cycles; in-built 60Wp, 17Vmp, 21 Voc momocrystalline solar panel; 35w MPPT charge controller; light on/off control and motion detection sensors; pressure die cast aluminium for sturdiness and long life, and specially designed pole mounting bracket to allow different tilt angles, lateral and pole top mounting. The luminaire to be of LED type with 6000 luminen, 175lm/W ,5700K,L70B50 50000h lifespan, and rated IP65 and IK08; complete with mounting acessories for 6m high galvanised steel lighting pole, as Philips Sunstay BRP710 LED60 CW MR HY FDIM20 SOLAR, or approved equivalent	NO	20		
B	8m single-arm street lighting round-section tapering concrete column complete with 1m bracket with 0 degrees tilt andle manufactured from Class C galvanised steel pipe with anti-vandal, anti-theft and anti-climbing features and all accessories to meet 8m mounting height requirements as shown in the drawiings and in Technical Specifications.	NO	20		
	Civil Works				
C	Allow for excavation of pits for mounting of columns at 1.2m depth below the finished surface complete with concrete backfill and compact to natural ground level, as shown in the drawing.	NO	20		
	Other General Items				
D	Allow for all cost in connectin with testing and commissioning of entire PV system including making arrangements for testing of materials, good etc, as stipulated in the Specification, obtaining test reports and submitting same to the Employer's Representative.	ITEM	1		
	TOTAL FOR STREET LIGHTING INSTALLATION CARRIED TO SUMMARY				

Item	Description of Works	Unit	Qty	Rate	Amount (Kshs)
	SUMMARY				
Item	**Element**			**Page. No**	**Amount**
01	Preliminaries			BW / 1	
02	Street Lighting Installation			BW / 2	
	TOTAL FOR SOLAR LIGHTING CARRIED TO GRAND SUMMARY				

GRAND SUMMARY

SOLAR LIGHTING IN OL KALOU TOWN AND OTHER TOWNS WITHIN THE MUNICIPALTY

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR OFFICIAL USE ONLY	FOR TENDERER USE ONLY
			KSHS.	KSHS.
A	Solar Lighting	BW/3		
	SUB-TOTAL ADD 1% PROJECT MANAGEMENT PAYABLE TO COUNTY REVENUE ACCOUNT ADD 0.03% FOR PPRA CAPACITY BUILDING LEVY.			
	TOTAL CARRIED TO FORM OF TENDER INCLUSIVE OF 16% V.A.T.			

Amount in words. Kenya shillings .....

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.....**Cents** .....

Tenderer's Signature and stamp.....

Address .....

.....

Date .....

Witness Signature .....

Address .....

.....

Date .....