

تَرْوِ بِحَرْفِ

[illegible]

11:00 : 45

١٣٧/٢٠٢٦/٣٠-٣١-٣٠ (IUL)

3339279, 3339239, 3322625: ۳۳۳۹۲۷۹، ۳۳۳۹۲۳۹، ۳۳۲۲۶۲۵

دو

عَرَفُوا رَحْمَتَهُ

[illegible]

1. دَاسِرَ لَاسِرَ مَاسِرَ مَاسِرَ

[illegible][illegible][illegible]

No.	Particulars	Quantity
1	Steel pipes (DN40): Use DN40 steel pipes, each with a length of 2 m and a wall thickness of no less than 2 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; a matching sealing cover plate shall be installed at the top, ensuring secure and reliable installation.	2680
2	Steel pipes (DN40): Use DN40 steel pipes, each with a length of 6 m and a wall thickness of no less than 2 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; appropriate sealing cover plates shall be fitted to the ends, and the pipes shall be securely installed.	1340
3	Independent lighting pole: DN40 steel pipe with a length of 4 m and a wall thickness of no less than 3 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; matching sealing cover plates shall be fitted to the ends to meet the installation requirements for lighting equipment.	40
4	Solar-powered integrated streetlight monitoring unit: Memory card configuration: [Video recording duration should be at least 3 days for playback]; Resolution should be no less than 5 megapixels; Must comply with the Maldives' requirements for operating without fiber optics or using a removable SIM card; Automatically switches to active recording mode when battery level falls below 50%; Supports visitor alert, mobile tracking, real-time mobile phone message notification, and white light warning. Streetlight power: 90 W; Solar-powered lights default to turning on when someone is present and off when no one is around; this can be adjusted via the app to maintain continuous illumination. 10 batteries, each with a capacity of 20,000 mAh; under default settings, the battery life lasts approximately 3 days during continuous rainy weather; the device will automatically shut down	40

	when the battery is completely drained during rainfall; upon shutdown, the device will automatically restart if the battery level rises above 20%. Compatible expansion bolts and fixing clamps;	
5	Main door frame : Each door measures 1.5 m in height and 1.45 m in width; the wall thickness shall not be less than 2 mm.	20
6	Main gate connected to the pillar pivot: The main component shall be made of SUS304 stainless steel.	40
7	Latch: The main component shall be made of SUS304 stainless steel.	10
8	DN40 – includes four right-angle connectors: Cold galvanizing or electro-galvanizing treatment shall be applied, with a zinc layer thickness of no less than 25 µm; connection dimensions shall be accurate, and installation shall be secure and reliable.	80
9	Three-way connector- DN40 Connector: Cold galvanizing or electro-galvanizing treatment is applied, with a zinc layer thickness of no less than 25 µm; dimensional compatibility ensures secure and reliable connection.	2720
10	Four-corner three-way connector - DN40 Connector: The component is subjected to cold galvanizing or electro-galvanizing treatment, with a zinc coating thickness of no less than 25 µm; it features a robust structure and reliable connections.	60
11	Direct connection piece - DN40 Companion : For right-angle connections of DN40 pipes; shall be subjected to cold galvanizing or electro-galvanizing treatment, with a zinc coating thickness of no less than 25 µm; the connection shall be secure and shall not exhibit any noticeable loosening or deformation.	50
12	Right-angle two-way connector - DN40 Companion: For right-angle connections of DN40 pipes; subjected to cold galvanizing or electro-galvanizing treatment, with a zinc layer thickness of no less than 25 µm; the connection shall be secure and shall not exhibit any noticeable loosening or deformation.	30
13	Nylon rope mesh - 90 mm diameter, aperture 10 cm, height 1.5 m: Made of nylon material; rope diameter: 90 mm; mesh size: 10 cm × 10 cm; mesh height: 1.5 m; uniform weaving with no obvious broken strands, loose knots, or damage; excellent tensile strength and weather resistance.	12300
14	Nylon cable ties - 7.6mm×200mm: Made of plastic; width: 7.6 mm; length: 200 mm; features a sturdy and reliable locking mechanism with excellent tensile strength and aging resistance.	120
15	Ground nail - Diameter: 10 mm × Length: 30 cm: Steel materials shall be used: reinforcing steel bars; diameter 10 mm, length 30 cm; these bars shall possess sufficient strength and stiffness, and shall not be noticeably bent or fractured.	8200
16	Self-priming pump - 750W, 220V: Two-phase motor; the main materials for the overcurrent components and pump body are cast iron; IP55 protection rating; clamp-on connection; rated voltage: 220 V; rated power: 750 W; rated flow rate: 15 m³/h; rated head: 20 m; pipe diameter: 50.8 mm(2 inch). Pump motor rain shield.	40
17	Timed Irrigation Controller - Water pump controller	40
18	Anti corrosive paint - For use after installation at all connection points. 10kg per barrel	20
19	Prefab Storage Room- Provided according to the drawings. Wall thickness shall not be less than 4 mm.	10

(جَعِدُوا 18 بَعْدُ)

[illegible]

4. رَسْرَسَرَسْ، رِسْوَهَزِرَ، هَرْوُورُو، زَرْمَرَمَرِمُرِ

4.1. حروفِ مَعْرِجَتِی نَسَبِ حَسَنِ عَلَیْهِ السَّلَامُ کَرِیْمُ

4.3. $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

[illegible]

5. $\frac{1}{2} \times \frac{3}{4} = \frac{1 \times 3}{2 \times 4} = \frac{3}{8}$

6. رِسْرَتَرِبْ، رِسُوڤ ۛ مَووَنَ تِرْسُرْ.

7. اِنَّ قَوْمِيَّ قَوْمِيَّ اَرَبَّ اِنَّ قَوْمِيَّ قَوْمِيَّ اَرَبَّ

7.3 اِنۡعَاقُ سُوْرَتِیْنِ فَاِیْنِیْ رَکْعَتَیْنِ اَمَّا رَکْعَتَا سُوْرَةِ اَلْاٰیٰتِیْنِ فَتَرَوٰنِیْ فَاِیْنِیْ رَکْعَتَا سُوْرَةِ اَلْاٰیٰتِیْنِ (سُوْرَةُ اَلْاٰیٰتِیْنِ) تَرَوٰنِیْ فَاِیْنِیْ رَکْعَتَا سُوْرَةِ اَلْاٰیٰتِیْنِ اِنۡعَاقُ سُوْرَتِیْنِ فَاِیْنِیْ رَکْعَتَا سُوْرَةِ اَلْاٰیٰتِیْنِ اَمَّا رَکْعَتَا سُوْرَةِ اَلْاٰیٰتِیْنِ فَتَرَوٰنِیْ

[illegible][illegible][illegible]

(سُرُودِ قَهْرْمَن سَرَسَازِ قَووَم و مَدَنِي سَرَسَازِ رَاكْتَر / اِسْزِدْ يَسَرْ سِرْسِر سَرَسَازِ قَووَم و مَدَنِي رَاكْتَر x 5)

(5 × 3) = 15

[illegible]
$$(20) \quad \text{دَوْرَمَر} (\text{سَرْزُورْ} \text{ اِسْمُو} \text{ نَامِرْ} \text{ دَوْرَمَر}) / \text{سَرْزُورْ} \text{ مَجْمُوعِ} \text{ دَوْرَمَر} \times$$

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



ದರಿಸಣ್ಣಿಗ್ಗೆ ಆಗ್ಲಿ ಸುಪ್ರೀಂ, ಅಧಿಪತ್ಯಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ

ದ್ವಿ, ಪರ್ವಾಂಕುರ

ಪರ್ವಾಂಕುರ 1 - ಸರ್ವಾಂಕುರ ಪರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ

#	ಪರ್ವಾಂಕುರ	ಪರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ	ಪರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ
		✓	✗
1	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ		
2	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ (ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ)		
3	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
4	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
5	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ 60 ಪರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
6	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
7	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ 500,000.00 ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
8	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ		
9	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
10	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
11	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
12	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ (ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ)		
13	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
14	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
15	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		
16	ಅಧಿಗ್ಗಾಂಕುರ ಸರ್ವಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ ಅಧಿಗ್ಗಾಂಕುರ		

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



دېرېښودلېږ ځېر څېر وېشېښودلېږ، ځېرېښودلېږ ځېرېښودلېږ ځېرېښودلېږ ځېرېښودلېږ
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Facilities and Supporting Materials – Technical Parameters and Requirements

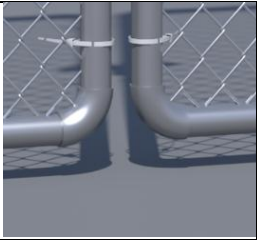
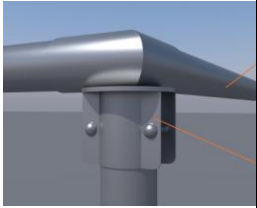
I. Overall Technical Requirements

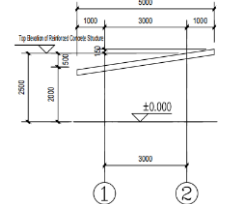
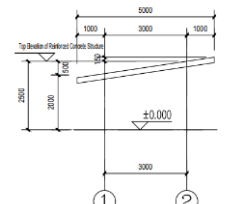
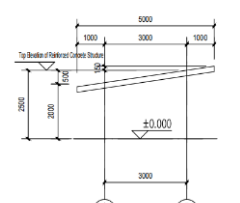
1. All equipment, materials, accessories, and auxiliary materials shall be brand-new, compliant products that meet the technical requirements specified in the tender documents.
2. The material, specifications, dimensions, performance parameters, surface treatment, and installation methods of all products shall comply with the requirements set forth in these Technical Parameters and shall be suitable for the on-site use, installation, and operation requirements of the project.
3. The galvanizing treatment applied to the surfaces of steel components shall be uniform, complete, and secure; no significant quality defects that would affect serviceability—such as visible incomplete coating, peeling, flaking, corrosion, or deformation—shall be present.
4. The equipment and materials shall possess stable quality, a robust structure, easy installation, and high reliability, while also meeting the durability requirements under normal operating conditions.
5. Upon delivery of all equipment and materials, the purchaser shall be provided with the product qualification certificates, quality certification documents, user manuals, and all necessary testing records; the purchaser shall have the right to conduct random sampling inspections of the delivered materials.
6. The primary materials, specifications, models, or performance parameters specified in these technical parameters shall not be altered without authorization. If products equivalent to or superior to the requirements set forth in these technical specifications are to be used, such use shall be clearly stated in writing in advance, and the relevant technical documentation shall be provided.

II. Technical Specifications for Equipment and Materials

No.	Equipment/Material Name	Specifications & Model	Technical Specifications and Requirements	Unit	Total quantity	Photograph
1	Steel Pipes (DN40)		Use DN40 steel pipes, each with a length of 2 m and a wall thickness of no less than 2 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; a matching sealing cover plate shall be installed at the top, ensuring secure and reliable installation.	pcs	2680	
2	Steel Pipes (DN40)		Use DN40 steel pipes, each with a length of 6 m and a wall thickness of no less than 2 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; appropriate sealing cover plates shall be fitted to the ends.	pcs	1340	

3	Steel Pipes (DN40 - for lighting pole)		DN40 steel pipe with a length of 4 m and a wall thickness of no less than 3 mm; the surface shall be subjected to hot-dip galvanizing treatment, with a zinc coating thickness of no less than 25 µm; matching sealing cover plates shall be fitted to the ends to meet the installation requirements for lighting equipment.	pcs	40	
4	Solar-powered integrated streetlight monitoring unit	All-in-one machine	Memory card configuration: [Video recording duration should be at least 3 days for playback]; Resolution should be no less than 5 megapixels; Must comply with the Maldives' requirements for operating without fiber optics or using a removable SIM card; Automatically switches to active recording mode when battery level falls below 50%; Supports visitor alert, mobile tracking, real-time mobile phone message notification, and white light warning. Streetlight power: 90 W; Solar-powered lights default to turning on when someone is present and off when no one is around; this can be adjusted via the app to maintain continuous illumination. 10 batteries, each with a capacity of 20,000 mAh; under default settings, the battery life lasts approximately 3 days during continuous rainy weather; the device will automatically shut down when the battery is completely drained during rainfall; upon shutdown, the device will automatically restart if the battery level rises above 20%. Compatible expansion bolts and fixing clamps;	pcs	40	
5	Door accessories	Main door frame	Each door measures 1.5 m in height and 1.45 m in width; the wall thickness shall not be less than 2 mm.	pcs	20	
6		Main gate connected to the pillar pivot	Material: The main component shall be made of SUS304 stainless steel.	pair	40	
7		Latch	Material: The main component shall be made of SUS304 stainless steel.	pcs	10	

8		DN40 – includes four right-angle connectors	Cold galvanizing or electro-galvanizing treatment shall be applied, with a zinc layer thickness of no less than 25 µm; connection dimensions shall be accurate, and installation shall be secure and reliable.	pcs	80	
9	Three-way connector	DN40 connector	Cold galvanizing or electro-galvanizing treatment is applied, with a zinc layer thickness of no less than 25 µm; dimensional compatibility ensures secure and reliable connection.	pcs	2720	
10	Four-corner three-way connector	DN40 connector	The component is subjected to cold galvanizing or electro-galvanizing treatment, with a zinc coating thickness of no less than 25 µm; it features a robust structure and reliable connections.	pcs	60	
11	Direct connection piece	DN40 Companion	For right-angle connections of DN40 pipes; shall be subjected to cold galvanizing or electro-galvanizing treatment, with a zinc coating thickness of no less than 25 µm; the connection shall be secure and shall not exhibit any noticeable loosening or deformation.	pcs	50	
12	Right-angle two-way connector	DN40 Companion	For right-angle connections of DN40 pipes; subjected to cold galvanizing or electro-galvanizing treatment, with a zinc layer thickness of no less than 25 µm; the connection shall be secure and shall not exhibit any noticeable loosening or deformation.	pcs	30	
13	Nylon Mesh	90 mm diameter, aperture 10 cm, height 1.5 m	Made of nylon material; rope diameter: 90 mm; mesh size: 10 cm × 10 cm; mesh height: 1.5 m; uniform weaving with no obvious broken strands, loose knots, or damage; excellent tensile strength and weather resistance.	Square meter	12300	
14	Nylon cable ties	7.6mm×200mm	Made of plastic; width: 7.6 mm; length: 200 mm; features a sturdy and reliable locking mechanism with excellent tensile strength and aging resistance.	Bundles	120	
15	Ground nail	Diameter: 10 mm × Length: 30 cm	Steel materials shall be used: reinforcing steel bars; diameter 10 mm, length 30 cm; these bars shall possess sufficient strength and stiffness, and shall not be noticeably bent or fractured.	Pieces	8200	

16	Self-priming pump	750W , 220V	Two-phase motor; the main materials for the overcurrent components and pump body are cast iron; IP55 protection rating; clamp-on connection; rated voltage: 220 V; rated power: 750 W; rated flow rate: 15 m ³ /h; rated head: 20 m; pipe diameter: 50.8 mm(2 inch). Pump motor rain shield.	pcs	40	
17	Prefab Storage Room		Provided according to the drawings. Wall thickness shall not be less than 4 mm.	pcs	10	
18	Prefab Medicine Room		Provided according to the drawings. Wall thickness shall not be less than 4 mm.	pcs	10	
19	Prefab Shade		Provided according to the drawings. No walls and doors required.	pcs	10	
20	Timed Irrigation Controller		Water pump controller	pcs	40	
21	Anti corrosive paint		For use after installation at all connection points.	10 kg per barrel	20	

III. Tools List

Order Number	Name	Description	Unit	Total Quantity	Reference Photo
1	Hoe		pcs	50	
2	Spade	Metal	pcs	50	
3	Cotton gloves	black colour	pair	1000	
4	cutter	big	pcs	50	
5	Coredless drill set (Makita)	Battery use	set	10	
6	Earth boring machine	four-cycle engine Equipped with a four-stroke engine; drill bit length: 80 cm; drill bit diameter: 20 cm or 25cm; features stable operation and user-friendly handling, meeting the requirements for on-site soil drilling operations.	pcs	10	
7	Photovoltaic Energy Storage System	Photovoltaic panels and mounting accessories, The installed capacity shall be no less than 3 kWp; the system shall be configured with two 640-Wp photovoltaic modules, a photovoltaic mounting system, and photovoltaic cables.	pcs	80	
8		Battery, Energy storage battery with capacity of at least 4.5 kWh	pcs	20	

