



تَرْوِ بِرَّكَاتِ

مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ 5 (مَعْرِفَتِ) دَوْرِ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ  
مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ  
۱. مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ مَعْرِفَتِ كَيْ

11:00 : 45

(IUL)30-P1/30/2026/160 : سَرَسْرَہ

3339279, 3339239, 3322625: ۳۳۳۹۲۷۹، ۳۳۳۹۲۳۹، ۳۳۲۲۶۲۵

دَعُوْا

عَرَفُوا رَحْمَتَهُ

وَسَمِعَ رَأْسُكَ وَجَدْتُكَ وَجَدْتُكَ

1. دَسَوَرَنَ دُورَ دُورَ دُورَ دُورَ

[illegible]

1.2 مَوَاصِدُ هُجْرَتِهِمْ إِلَى بَيْتِ الْمَدِينَةِ وَتَحْقِيقُ مَقَرِّهِمْ فِيهَا.

[illegible]

| No. | Particulars                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quantity |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1   | <b>Steel pipes (DN40):</b> 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   | <b>Steel pipes (DN40):</b> 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   | <b>Independent lighting pole:</b> 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 48       |
| 4   | <p><b>Solar-powered integrated streetlight monitoring unit:</b> 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.</p> <p>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.</p> <p>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</p> | 48       |



|    |                                                                                                                                                                                                                                                                                                                                              |      |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 20 | <b>Prefab Medicine Room-</b> Provided according to the drawings. Wall thickness shall not be less than 4 mm.                                                                                                                                                                                                                                 | 10   |
| 21 | <b>Prefab Shade-</b> Provided according to the drawings. No walls and doors required.                                                                                                                                                                                                                                                        | 10   |
| 22 | Hoe                                                                                                                                                                                                                                                                                                                                          | 50   |
| 23 | spade (Metal)                                                                                                                                                                                                                                                                                                                                | 50   |
| 24 | Cotton gloves (pair) – black colour                                                                                                                                                                                                                                                                                                          | 1000 |
| 25 | Cutter (big)                                                                                                                                                                                                                                                                                                                                 | 50   |
| 26 | <b>Coredless drill set (Makita)</b> – Battery use                                                                                                                                                                                                                                                                                            | 05   |
| 27 | <b>Earth boring machine</b> - four-cycle engine: Equipped with a four-stroke engine; drill bit length: 80 cm; drill bit diameter: 20 cm; features stable operation and user-friendly handling, meeting the requirements for on-site soil drilling operations.                                                                                | 05   |
| 28 | <b>Off grid Photovoltaic Energy Storage System</b> - Installed capacity of at least 1.56 kW, comprising four 640 Wp photovoltaic panels (x4), mounting structures, photovoltaic cables, 4.5kw battery system ( x1), 6.2kw Inverter ( x1).                                                                                                    | 14   |
| 29 | <b>Chain Trencher / Chain -type Trenching machine-</b><br><br>Machine Type - Self-propelled, walk-behind chain trencher<br>Power Type- Diesel engine<br>Trenching Width -10-15 cm, optional/configurable<br>Trenching Depth -10–60 cm, adjustable<br>Productivity -180 m/h<br>Chain Material - Carbon steel<br>Cutting Teeth Material- Alloy | 05   |

مذکورہ ذیل کے آلات و سامان کی تفصیلات درج ذیل ہیں:

2. آئرننگ مین مشین  
2.1 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین -  
2.2 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین 26 جولائی 2026ء کی 11:00  
2.3 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ آئرننگ مین ،  
آئرننگ مین 7  
2.4 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ  
2.5 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ  
2.6 آئرننگ مین مشین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ آئرننگ مین کے ساتھ ساتھ









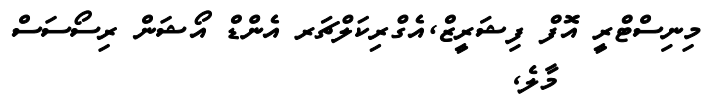


## دسپنچر آف ورسپيچ، انڈسٽرل وڪھوس انڊ اسٽور هائوس

ڏک، حيدرآباد

### ج ٽيبل 1 - رٽريٽنگ ۽ ٽرانسپورٽ ڪوٽنگ

| #  | موضوع                                                | چوڻي رٽريٽنگ ۽ ٽرانسپورٽ | دسپنچر ۽ وڪھوس |
|----|------------------------------------------------------|--------------------------|----------------|
|    |                                                      | ✓                        | ✗              |
| 1  | انسٽرڪٽس رٽريٽنگ                                     |                          |                |
| 2  | ڊسٽريڪٽ سٽور ڪوٽنگ ۽ ڊسٽريڪٽ (ڊسٽريڪٽ)               |                          |                |
| 3  | ڊسٽريڪٽ سٽور ڪوٽنگ ۽ ڊسٽريڪٽ سٽور ڪوٽنگ ڊسٽريڪٽ      |                          |                |
| 4  | ڊسٽريڪٽ سٽور ڪوٽنگ ۽ ڊسٽريڪٽ سٽور ڪوٽنگ ڊسٽريڪٽ      |                          |                |
| 5  | رٽريٽنگ ۽ ڊسٽريڪٽ 60 ڏينهن ڏينهن ڊسٽريڪٽ             |                          |                |
| 6  | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ ڊسٽريڪٽ            |                          |                |
| 7  | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ 500,000.00 ڊسٽريڪٽ |                          |                |
| 8  | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ                    |                          |                |
| 9  | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ                    |                          |                |
| 10 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ                    |                          |                |
| 11 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ                    |                          |                |
| 12 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ (ڊسٽريڪٽ)          |                          |                |
| 13 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ (ڊسٽريڪٽ)          |                          |                |
| 14 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ                    |                          |                |
| 15 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ (ڊسٽريڪٽ)          |                          |                |
| 16 | ڊسٽريڪٽ رٽريٽنگ ۽ ڊسٽريڪٽ رٽريٽنگ 6 ڏينهن ڏينهن      |                          |                |



حُكْمُهُ 2 - اِسْتِثْنَاءُ رِسْمِهِ نِسْرَهُ حُكْمُهُ

[illegible]

| دستورالعمل رسید زائر و فرستنده در دفتر |                     |                     |                     |
|----------------------------------------|---------------------|---------------------|---------------------|
| واریز و پرداخت مسکن                    | پرداخت مسکن به مسکن | پرداخت مسکن به مسکن | پرداخت مسکن به مسکن |
|                                        |                     |                     |                     |

[illegible]

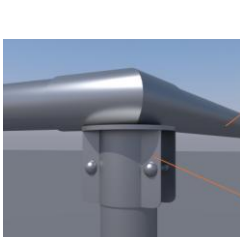
## Facilities and Supporting Materials – Technical Parameters and Requirements

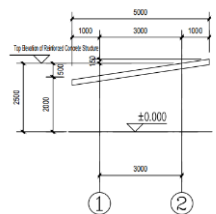
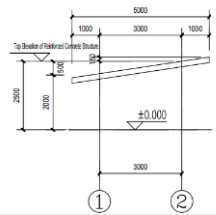
### I. Overall Technical Requirements

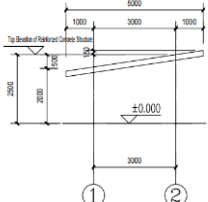
1. All equipment, materials, accessories, and auxiliary materials shall be brand-new, compliant products that meet the technical requirements specified in the tender documents.
2. The material, specifications, dimensions, performance parameters, surface treatment, and installation methods of all products 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

| Order number | 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 $\mu\text{m}$ ; 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 $\mu\text{m}$ ; 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 $\mu\text{m}$ ; matching sealing cover plates shall be fitted to the ends to meet the installation requirements for lighting equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | pcs  | 48             |   |
| 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 | pcs  | 48             |  |

|    |                                 |                                             |                                                                                                                                                                                                                                                                                    |      |      |                                                                                       |
|----|---------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------------|
|    |                                 |                                             | down when the battery is completely drained during rainfall; upon shutdown, the device will automatically restart if the battery level rises above 20%.<br>Compatible expansion bolts and fixing clamps;                                                                           |      |      |                                                                                       |
| 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  | 24   |    |
| 6  |                                 | Main gate connected to the pillar pivot     | Material: The main component shall be made of SUS304 stainless steel.                                                                                                                                                                                                              | pair | 48   |    |
| 7  |                                 | Latch                                       | Material: The main component shall be made of SUS304 stainless steel.                                                                                                                                                                                                              | pcs  | 12   |   |
| 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 $\mu\text{m}$ ; connection dimensions shall be accurate, and installation shall be secure and reliable.                                                         | pcs  | 88   |  |
| 9  | Three-way connector             | DN40 connector                              | Cold galvanizing or electro-galvanizing treatment is applied, with a zinc layer thickness of no less than 25 $\mu\text{m}$ ; 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 $\mu\text{m}$ ; 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 $\mu\text{m}$ ; 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 $\mu\text{m}$ ; 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 $\times$ 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 $\times$ 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 $\times$ 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 <sup>3</sup> /h; rated head: 20 m; pipe diameter: 50.8 mm(2 inch). Pump motor rain shield. | pcs          | 30    |  |
| 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              | 30 |  |
| 21 | Anti corrosive paint        |  | For use after installation at all connection points.             | 10 kg per barrel | 20 |  |

### III. Tools List

|   |                              |                                                                                                                                                                                                                                           |      |      |                                                                                       |
|---|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|---------------------------------------------------------------------------------------|
| 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  | 05   |  |
| 6 | Earth boring machine         | four-cycle engine<br>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  | 05   |  |



# پراجیکٹ کی تفصیلی نقشہ کشی

