



**Road Development Corporation Limited
Republic of Maldives**

**Terms of Reference for
SUPPLY AND DELIVERY OF ARTIFICIAL TURF AND ACCESSORIES FOR
ADH.KUNBURUDHOO**

BACKGROUND

Road Development Corporation Limited, an incorporated limited liability company operating under the registration number C10482019 and having its registered office at MSL Buildings, First Floor, Malé, Republic of Maldives (herein after called and referred to as “the Employer”), invites sealed tender from eligible Supply and Delivery of Artificial turf and Accessories for ADh.Kunburudhoo (hereinafter called the “Works” or “Project”).

SCOPE OF WORK

The Employer will finance the Supply and Delivery of Artificial turf and Accessories for ADh.Kunburudhoo. The scope of Works shall be as follows.

- Supply and delivery of 3G artificial turf complying with the technical specifications in Annex 1.
- Supply and delivery of adhesive bicomponent complying with the technical specifications in Annex 1.
- Supply and delivery of seaming tape (30cm wide)
- Supply and delivery of SBR rubber granules for infilling (0.5-2.5mm), the mix shall be well graded.
- Silica Sand for Infill (0.6-1.6mm), mix shall be well graded.
- 50mm White Football turf – For line marking (tufted)
- Goal post and sockets (Aluminium constructed-TIG welded- super durable powder coated finish goal post and Goal installation)
- Corner Posts
- Bench with shades (structure in zinc-coated steel or Aluminium constructed (TIG welded) super durable powder coated and Plastic seats directly anchored to the metallic structure).
- Supply and delivery of Drag Brush and Brush Machine
- Bidders must provide the following documents for the supplied materials.
 - The manufacturer’s details and specifications of the material

- Prior mass procurement samples of each material (Turf, SBR Rubber granules for infilling (0.5-2.5mm) & Silica sand for infilling (0.6-1.6mm)) shall be provided, which is to be submitted to The Client for approval.
- The materials shall be delivered on time with accurate quantity. The supplier must deliver the materials to the RDC site in Adh. Kunburudhoo.

Table 1: Quantity of items to be supplied.

Item	Quantity
Turf	3000 sqm
Adhesive bicomponent	43 set
Seaming tape	1116 m
SBR Rubber granules for infilling (0.5-2.5mm)	36 Tons
Silica sand for infilling (0.6-1.6mm)	45 Tons
50mm White Football turf – For line marking (tufted)	24.10 sqm
Goal post and sockets approximately 3m x 2m (including installation)	1 Pair
Corner Posts	4 Nos
Bench with shades.	4 Nos
Drag Brush Machine 1750x1850x280mm	01 Nos

DOCUMENTS TO BE SUBMITTED.

The following documents must be submitted with the bid.

- Manufacturer's details and specifications of the material

SAMPLES TO BE SUBMITTED

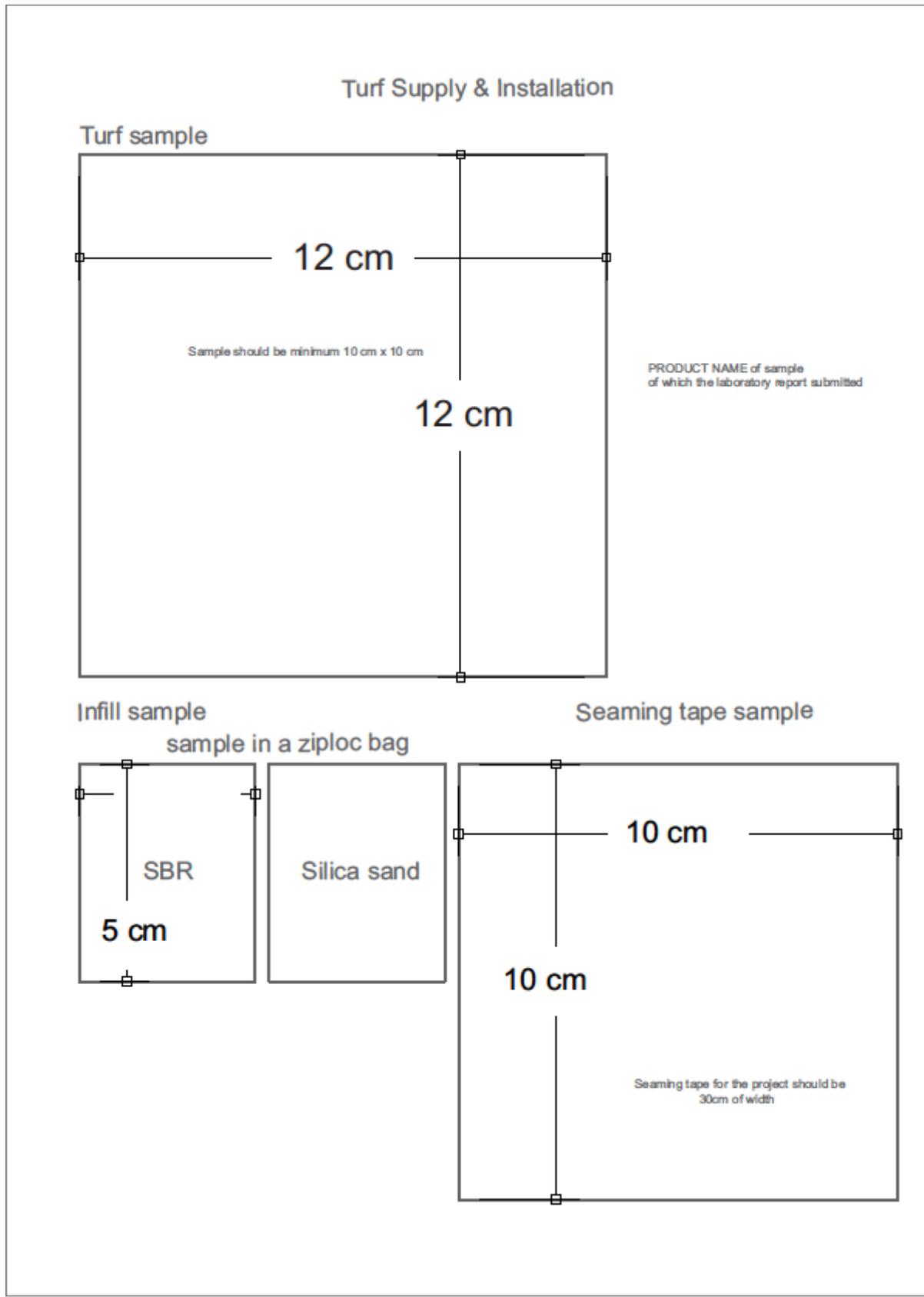


Figure 1: Turf and Detail

ANNEX 1 – TECHNICAL SPECIFICATIONS FOR TURF MATERIALS*Technical Specifications for Thermoplastic Paint*

Specification	Requirement
Turf Pile Height	50mm
Turf Colour	Green or Lime green
Seaming Tape width	30 cm wide
SBR rubber granules size	0.5-2.5mm (well graded)
Silica Sand for infill	0.6-1.6mm (well graded)
White Football turf	50mm – For line marking (tufted)
Goal post and sockets	approximately 3m x 2m (including installation)
Corner Posts	25mm or 50mm. Nylon flag with PVC pole
Bench with shades	Protection from the sun, rain, and other elements.
G.I Pole	13 metre pole - 4 Head pole lamp with base plate 400x400x20mm
2 Core Copper cable	2.5sq mm
LED floodlight	1000W,5000K Driver, AC 100-240V
Earth cable	6 sqmm
Earth rod and Earth clamps	Copper
XLPE/PVC cable	4C x 10sq mm
XLPE/PVC Cable	2C x 6sq mm
Sub distribution box	63A, 3P(outdoors) 1x63A 3P I/C MCB, 4x32A Single Pole MCB O/G feeder
Single phase Pole DB	1x32A SP I/C MCB. 2x40A, 30mA ELCB 4x10A 1P MCB (outdoors)