



# **INFORMATION SHEET FOR PROCUREMENT OF WATER AND SEWERAGE MATERIALS**

**Reference No.: FNK-I/IUL/2022/326**

Issued on 27<sup>th</sup> April 2022

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

## Section I: Instruction to Bidders

A. General	
<b>1. Scope of Bid</b>	<p>1.1 Fenaka Corporation Limited requests quotations for water and sewerage materials in accordance with <i>Section III, Technical Specifications/Packing List</i></p> <p>1.2 It is in Fenaka Corporation Limited's discretion to cancel the bid invitation mentioned in 1.1 at any time.</p>
<b>2. Eligible Participants</b>	<p>2.1 Local companies registered in Maldives are eligible to participate in the tender</p> <p>2.2 Foreign companies are eligible to participate in the tender only if the total bid value is above 2,500,000 Maldivian Rufiyaa.</p>
B. Preparation of the Bid	
<b>3. Bid Prices</b>	<p>3.1 The unit price of each item and the total price shall be clearly indicated in the quotation</p> <p>3.2 All items shall be quoted in the bid (please refer to <i>Section III, Technical Specifications/Packing List</i> for the details of required items)</p> <p>3.3 Quotation shall separately indicate the additional charges such as freight charges and insurance.</p> <p>3.4 The bidder shall submit quotation on CIF basis to Male' port</p>
<b>4. Currency</b>	4.1 The bidder shall quote entirely in Maldivian Rufiyaa
<b>5. Alternative Bids</b>	5.1 Bidders can submit a maximum of two (2) options
<b>6. Validity of Bids</b>	6.1 Quotation shall remain valid for minimum sixty (60) days from the date of bid opening
<b>7. Bid Security</b>	<p>7.1 All bids should be accompanied with a bid security of USD 3,000 (Three Thousand US Dollars) or its equivalent in Maldivian Rufiyaa</p> <p>7.2 The bid security should be:</p> <ul style="list-style-type: none"> <li>- Original bank guarantee letter (or)</li> <li>- Bank guaranteed and stamped check (or)</li> <li>- An insurance policy from Maldives Monetary Authority (MMA) registered insurance company</li> </ul> <p>7.3 Any bid not accompanied by a Bid Security shall be rejected during bid opening</p>

	7.4 The bid security must be valid for a minimum of twenty (20) additional days beyond the validity of quotation
<b>8. Technical Compliance</b>	<p>8.1 All relevant information including the brand shall be given to enable technical evaluation of quoted items</p> <p>8.2 Fenaka Corporation Limited will only accept items that meet OEM standards</p> <p>8.3 If the goods do not comply with the requirements mentioned in <i>Section III, Technical Specifications/Packing List</i>, the bid will be rejected during evaluation</p> <p>8.4 In case supplied items do not meet the required items, they will be rejected and returned</p>
<b>9. Documents Comprising the Bid</b>	<p>9.1 Quotation (inclusive of the delivery period and payment terms)</p> <p>9.2 Specifications of the offered product</p> <p>9.3 Details of the company</p> <ul style="list-style-type: none"> <li>- Company profile/background</li> <li>- Company registration certificate</li> <li>- GST registration certificate (for local bidders only)</li> <li>- TAX clearance report (6 months validity)</li> <li>- Contact details (name, designation, mobile number and e-mail address)</li> </ul> <p>9.4 Experience letters, if available</p> <ul style="list-style-type: none"> <li>- Letters within past five (5) years</li> <li>- Relevant experience letters</li> <li>- Letters with project name and value</li> </ul> <p>9.5 One (1) compact disc with original bid document scanned and written</p>
<b>10. Format of Bid</b>	<p>10.1 The Bidder shall submit two (2) sets of the bid document (1 original and 1 copy), enclosed separately in two envelopes and sealed with company stamp</p> <p>10.2 All pages of the bid document shall be stamped and bound properly (excluding the bid security)</p>
<b>C. Bid Submission</b>	
<b>11. Sealing and Marking Bid Document</b>	11.1 The bid document shall be sealed properly in an envelope clearly marked 'ORIGINAL' or 'COPY', with the name of the company and the tender reference number (FNK-I/IUL/2022/326)
<b>12. Bid Opening</b>	12.1 The bids will be opened on 15 <sup>th</sup> May 2022, 1000hrs in the presence of bidders

	<p>12.2 Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male', Republic of Maldives</p> <p>12.3 Bids received electronically will not be accepted</p>
<b>13. Bid Rejection</b>	<p>13.1 Bidders that arrive after bid submission deadline shall not be able to participate in the bid</p> <p>13.2 Bidders that do not register for the tender are unable to participate in the bid opening</p> <p>13.3 Bids lacking the documents mentioned in 9. <i>Documents Comprising the Bid</i> (except 9.4 <i>Experience letters</i>) and that do not comply with 10. <i>Format of Bid</i> are subjected to be rejected</p>
<b>D. Awarding of Contract</b>	
<b>14. Packing</b>	<p>14.1 Materials must be packed in accordance with the packing list given in <i>Section III: Technical Specifications/Packing List</i> to avoid rejection</p>
<b>15. Payment Terms</b>	<p>15.1 An advance payment will not be released for this project</p> <p>15.2 Proposed payment terms should not be tied with submission of Bill of Lading.</p>

## Section II: Evaluation Criteria

**Proposal Cost:** 60 points for the lowest price

- $(\text{Lowest price} / \text{proposed price}) \times 60$

**Delivery:** 30 points for the lowest delivery period

- $(\text{Lowest delivery period} / \text{proposed delivery period}) \times 30$
- If the delivery period indicates 'ex-stock', it shall be taken same as the party offering the longest delivery period.

**Credit Period:** 10 points for the maximum credit period

- $(\text{Proposed credit period} / \text{longest credit period}) \times 10$

**Note:** Any discrepancy in technical details specified in quotation with technical specification document, the specification shall prevail.

## Section III: Technical Specifications / Packing List

### Packing List - 1



#	DESCRIPTION	ITEM	SPECIFICATION	QTY
1	PE BLUE PIPE 25MM, PE 100- COIL SDR 17		Material: Polyethylene (PE) Outer pipe diameter: 25 mm Nominal diameter: DN 25 Pipe colour: Blue Pressure Class: PN 10 Standard Dimension Ratio: 17 Wall thickness 2.5 mm Material quality: PE-100	10
2	PE BLUE PIPE 32MM, PE 100- COIL SDR 17		Material: Polyethylene (PE) Outer pipe diameter: 32 mm Nominal diameter: DN 25 Pipe colour: Blue Pressure Class: PN 10 Standard Dimension Ratio: 17 Wall thickness 2.5 mm Material quality: PE-100	15
3	PF ADAPTOR 25MM 3/4"		Main Material: Polyethylene (PE) Colour: Black Size: 25 mm x 3/4" Pressure Class: PN 4 SDR: SDR 17 Connection type: Push-fit Material quality: PE-80	100
4	PF REDUCING COUPLER 32X25MM (TABOLT OR EQUIVALENT)		Main Material: Polyethylene (PE) Colour: Black Size: 32x25mm Pressure Class: PN 4 SDR: SDR 17 Connection type: Push-fit Material quality: PE-80	100
5	PP ELBOW 90* 1/2", FEMALE THREADED		Main Material: Polypropylene (PP) Colour: Black Size: 1/2" Pressure Class: PN 4 SDR: SDR 17	100
6	PP NIPPLE 1/2" X 1/2", MALE THREADED		Main Material: Polypropylene (PP) Colour: Black Size: 1/2" Pressure Class: PN 4 SDR: SDR 17	100

7	NON RETURN VALVE (BRASS) - 1/2"		Material: Brass Insert Material: Brass Size: 1/2" Thread type: FEMALE x FEMALE	100
8	WATER METER COUPLING SET 1/2", WITH GASKETS		Main Material: Brass Size: 1/2" Type: Threaded	100
9	WATER METER COUPLING SET 1/2", WITH GASKETS		Main Material: Brass Size: 1/2" Type: Threaded	200
10	WATER METER - DN15MM (DIEHL OR EQUIVVALENT)		DN 15 Q3=2.5 m3/h MID approval up to R=200H & R=40V Starting flow rate: < 6 l/h Cold water Composite body Integrated plastic inlet filter Tamper-proof ring MID approval: LNE-29388   C3 type Standards: EN 14154   ISO 4064   OIML R49 Sanitary conformity: ACS	100
11	LOCKABLE BALL VALVE (BRASS) ,1/2"		Main Material: Brass Size: 1/2" Type: Ball valve	100
12	SS SEALING WIRE - 500FT/ROLL		Material Grade: SS 304 Wire Material: SS Thickness: 0.5 mm to 1 mm Usage/Application: Industrial Size: 0.10 mm to 0.90 mm (0.004" to 0.035")	1
13	WATER METER SEALS		Material: Plastic	100



14	ZINC PIPE BRACKET – 1 1/2", ONE HOLE		Type: Pipe Bracket with Screw Material: Zinc Diameter: 1 1/2"	200
15	ZINC PIPE BRACKET - 1/2", ONE HOLE		Type: Pipe Bracket with Screw Material: Zinc Diameter: 1/2"	200
16	EF TAPPING TEE 50/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 50 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	30
17	EF TAPPING TEE 63/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 63 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	50
18	EF TAPPING TEE 75/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 75 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	50
19	EF TAPPING TEE 90/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 90 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	50




20	EF TAPPING TEE 110/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 110 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	20
21	EF TAPPING TEE 160/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 160 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	20
22	EF TAPPING TEE 200/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 200 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	20
23	EF TAPPING TEE 225/32MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Diameter: 225 mm Outlet Dia: 32 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100 With cutter connection	20
24	HANDHELD PIPE SCRAPPER 1 1/2"		Material: Plastic with blade	1
25	WARNING TAPE 500M ROLL (CAUTION - WATER PIPE BELOW)		Underground Warning Tape Colour: Blue Warning Tape Text: Caution - Water Pipe Below Size: 250m*75mm*120micron Tape Thickness: 100µm + 50µm	10

26	PE PIPE 90MM, PE100, PN10, SDR 17		<p>Size (OD): 90mm                  Wall Thickness: 10mm                  Pipe Length: 6 meter                  Material: High DensityPolyethylene (HDPE)                  Material Strength: PE100                  Minimum Required Strength (MRS): 10.0MPa (Megapascal)                  Standard Dimension Ratio: SDR17                  Pressure Nominal: PN10                  Water Pressure Resistance: 16 bar                  Standards: EN 12201</p>	100
27	PE PIPE 75MM, PE100, PN10, SDR 17		<p>Size (OD): 110mm                  Wall Thickness: 10mm                  Pipe Length: 6 meter                  Material: High DensityPolyethylene (HDPE)                  Material Strength: PE100                  Minimum Required Strength (MRS): 10.0MPa (Megapascal)                  Standard Dimension Ratio: SDR17                  Pressure Nominal: PN10                  Water Pressure Resistance: 16 bar                  Standards: EN 12201</p>	150
28	EF COUPLER 90 MM 39.5V		<p>Main Material: Polyethylene (PE)                  Colour: Black                  Size: 90 mm                  Pressure Class: PN 16                  SDR: SDR 17                  Connection type: Electro fusion weld                  Material quality: PE-100</p>	50
29	EF COUPLER 75 MM 39.5V		<p>Main Material: Polyethylene (PE)                  Colour: Black                  Size: 75 mm                  Pressure Class: PN 16                  SDR: SDR 17                  Connection type: Electro fusion weld                  Material quality: PE-100</p>	75
30	EF REDUCER - 90MM X 75MM, 39.5V		<p>Main Material: Polyethylene (PE)                  Colour: Black                  Size: 90x75 mm                  Pressure Class: PN 16                  SDR: SDR 17                  Connection type: Electro fusion weld                  Material quality: PE-100</p>	10
31	EF ENDCAP 75MM 39.5V		<p>Main Material: Polyethylene (PE)                  Colour: Black                  Size: 75 mm                  Pressure Class: PN 16                  SDR: SDR 17                  Connection type: Electro fusion weld                  Material quality: PE-100</p>	20






32	EF ELBOW - 90MM, 90* 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 90 mm Bend Angle: 90° Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	30
33	EF ELBOW - 75MM, 90* 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 75 mm Bend Angle: 90° Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	30
34	VW3A1104R30 DISPLAY CABLE (SCHNEIDER OR EQUIVALENT)		Brand: Schneider or equivalent Model: VW3A1104R30 Type: Display Cable	20
35	EF EQUAL TEE 90*, PE 100, PN10 - 75MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 75x75x75 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	20
36	PE PIPE 63MM, PE100, PN10, SDR 17 50M ROLL		Size (OD): 63mm Wall Thickness: 10mm Pipe Length: 50 meter roll Material: High Density Polyethylene (HDPE) Material Strength: PE100 Minimum Required Strength (MRS): 10.0MPa (Megapascal) Standard Dimension Ratio: SDR17 Pressure Nominal: PN10 Water Pressure Resistance: 16 bar Standards: EN 12201	10
37	EF REDUCER - 75MM X 63MM, 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 75x63 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	20







38	EF REDUCER - 90MM X 63MM, 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 90x63 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	20
39	EF COUPLER 63MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 63 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	50
40	EF ENDCAP 63MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 90x63 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	30

## Packing List – 2





#	DESCRIPTION	ITEM	SPECIFICATION	QTY
1	UPVC SEWER PIPE DN 160, L=5M		multi-layer pipe SN4 Effective length = 5 m Colour: Orange Pipe standard: EN 1401-1	500
2	UPVC SEWER PIPE DN 110, L=5M		multi-layer pipe SN4 Effective length = 5 m Colour: Orange Pipe standard: EN 1401-2	300
3	UPVC SEWER BRANCH DN 160X110 45°		Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 45° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 & BBA CERT 11/4825	200
4	UPVC SEWER BRANCH DN 110X110 45°		Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 45° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 & BBA CERT 11/4826	200
5	UPVC SEWER BRANCH DN 160X160 45°		Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 45° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 & BBA CERT 11/4827	20



6	UPVC SEWER REPAIR SOCKET DN 160		<p>Colour: Orange Material: UPVC Ring stiffness class: SN4 Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 &amp; BBA CERT 11/4825</p>	400
7	UPVC SEWER REPAIR SOCKET DN 110		<p>Colour: Orange Material: UPVC Ring stiffness class: SN4 Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Application: Sewer Certification: EN1401 &amp; BBA CERT 11/4825</p>	200
8	UPVC SEWER BEND DN 160, 45°		<p>Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 45° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 &amp; BBA CERT 11/4825</p>	15
9	UPVC SEWER BEND DN 110, 45°		<p>Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 45° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 &amp; BBA CERT 11/4825</p>	200
10	UPVC SEWER BEND DN 110, 30°		<p>Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 30° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 &amp; BBA CERT 11/4825</p>	100

11	UPVC SEWER BEND DN 110, 15°		Colour: Orange Material: UPVC Ring stiffness class: SN4 Degree of Angle: 15° Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 & BBA CERT 11/4825	100
12	UPVC END CAP DN100		Colour: Orange Material: UPVC Ring stiffness class: SN4 Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Application: Sewer Certification: EN1401 & BBA CERT 11/4825	200
13	UPVC END CAP DN 160		Colour: Orange Material: UPVC Ring stiffness class: SN4 Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Certification: EN1401 & BBA CERT 11/4825	200
14	UPVC SEWER PLUG DN110		Colour: Orange Material: UPVC Ring stiffness class: SN4 Material sealing: SBR Max. operating pressure at 20 °C: 0.5 bar Inlet Thread Type: Push fit Certification: EN1401 & BBA CERT 11/4825	100
15	INSPECTION CHAMBER 315MM, TYPE I, DN 110 (TEGRA OR EQUIVALENT)		Main Material: PP Material: Polypropylene (PP) Colour: Black Number of connections: 2 Nominal diameter: 315 mm Flat bottom	100
16	INSPECTION CHAMBER 425, TYPE X, 90° DN 160 (TEGRA OR EQUIVALENT)		Main Material: PP Material: Polypropylene (PP) Colour: Black Number of connections: 4 Nominal diameter: 425 mm Flat bottom	50



17	INSPECTION CHAMBER 600, TYPE X, 90° DN 160 (TEGRA OR EQUIVALENT)		Main Material: PP Material: Polypropylene (PP) Colour: Black Number of connections: 4 Nominal diameter: 600 mm Flat bottom	30
18	TELESCOPIC ADAPTOR 600MM		Main Material: PP Material: Polypropylene (PP) Colour: Black Diameter: 600 mm Height: 548 mm	30
19	UPVC SEWER TELESCOPIC PIPE 425		Colour: Orange Material: UPVC Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes	50
20	SEWER TELESCOPIC PIPE SEALING RING 600MM		Main Material: Rubber Material: Ethylene-propylene diene monomer rubber (EPDM) Colour: Black Diameter: 600 mm LABS-free: No Silicone-free: Yes Cord thickness: 10 mm Surface protection: None	60
21	SEWER TELESCOPIC PIPE SEALING RING 425MM		Main Material: Rubber Material: Ethylene-propylene diene monomer rubber (EPDM) Colour: Black Diameter: 425 mm LABS-free: No Silicone-free: Yes Cord thickness: 10 mm Surface protection: None	100
22	INSPECTION CHAMBER COVER DN 315		Material: Cast-iron or PP Load Capacity: A15 Colour: Black Diameter: 315 Connection shape: Round	100
23	INSPECTION CHAMBER COVER DN 425		Material: Cast-iron Load Capacity: D400 Colour: Black Diameter: 425 Connection shape: Round	50

24	INSPECTION CHAMBER COVER DN 600		Material: Cast-iron Load Capacity: D400 Colour: Black Diameter: 600 Connection shape: Round	30
25	PP CORRUGATED SHAFT PIPE DN 315		Colour: Orange Main Material: UPVC SDRSN 4 Nominal diameter: 315 mm	33
26	PP CORRUGATED SHAFT PIPE DN 425		Colour: Orange Main Material: UPVC SDRSN 4 Nominal diameter: 425 mm	25
27	PP CORRUGATED SHAFT PIPE DN 600		Colour: Orange Main Material: UPVC SDRSN 4 Nominal diameter: 600 mm	15
28	UPVC SEWER REDUCER DN 160X110		Colour: Orange Material: UPVC Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes Certification: EN1401 & BBA CERT 11/4825	20
29	WARNING TAPE 500M ROLL (CAUTION-SEWER PIPE BELOW)		(CAUTION-SEWER PIPE BELOW)	10