



INFORMATION SHEET FOR PROCUREMENT OF WATER AND SEWERAGE MATERIALS

Reference No.: FNK-I/IUL/2022/350

Issued on 11th May 2022

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

Section I: Instruction to Bidders

A. General	
1. Scope of Bid	<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>
2. Eligible Participants	<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	
3. Bid Prices	<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>
4. Currency	4.1 The bidder shall quote entirely in Maldivian Rufiyaa
5. Alternative Bids	5.1 Bidders can submit a maximum of two (2) options
6. Validity of Bids	6.1 Quotation shall remain valid for minimum sixty (60) days from the date of bid opening
7. Bid Security	<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"> - Original bank guarantee letter (or) - Bank guaranteed and stamped check (or) - An insurance policy from Maldives Monetary Authority (MMA) registered insurance company <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
8. Technical Compliance	<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>
9. Documents Comprising the Bid	<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"> - Company profile/background - Company registration certificate - GST registration certificate (for local bidders only) - TAX clearance report (6 months validity) - Contact details (name, designation, mobile number and e-mail address) <p>9.4 Experience letters, if available</p> <ul style="list-style-type: none"> - Letters within past five (5) years - Relevant experience letters - Letters with project name and value <p>9.5 One (1) compact disc with original bid document scanned and written</p>
10. Format of Bid	<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>
C. Bid Submission	
11. Sealing and Marking Bid Document	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/2022/350)

12. Bid Opening	<p>12.1 The bids will be opened on 23rd May 2022, 1130hrs in the presence of bidders</p> <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>
13. Bid Rejection	<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>
D. Awarding of Contract	
14. Packing	<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>
15. Payment Terms	<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	5
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	5
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 - 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
10	LOCKABLE BALL VALVE(BRASS) ,1/2"		Main Material: Brass Size: 1/2" Type: Ball valve	100
11	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
12	WATER METER SEALS		Material: Plastic	100
13	ZINC PIPE BRACKET - 1 1/2", ONE HOLE		Type: Pipe Bracket with Screw Material: Zinc Diameter: 1 1/2"	200
14	ZINC PIPE BRACKET - 1/2", ONE HOLE		Type: Pipe Bracket with Screw Material: Zinc Diameter: 1/2"	200

15	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	10
16	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	40
17	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	20
18	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	20
19	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



20	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	10
21	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	10
22	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	10
23	HANDHELD PIPE SCRAPPER 1 1/2"		Material: Plastic with blade	1
24	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
25	PE PIPE 90MM, PE100, PN10, SDR 17		Size (OD): 90mm Wall Thickness: 10mm Pipe Length: 6 meter 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	100






26	PE PIPE 75MM, PE100, PN10, SDR 17		<p>Size (OD): 110mm Wall Thickness: 10mm Pipe Length: 6 meter 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</p>	150
27	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
28	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
29	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
30	EF END CAP 90MM 39.5V		<p>Main Material: Polyethylene (PE) Colour: Black Diameter: 90 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100</p>	20
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	EF EQUAL TEE 90*, PE 100, PN10 - 90MM 39.5V		Main Material: Polyethylene (PE) Colour: Black Size: 90x90x90 mm Pressure Class: PN 16 SDR: SDR 17 Connection type: Electro fusion weld Material quality: PE-100	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 END CAP 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	300
2	UPVC SEWER PIPE DN 110, L=5M		multi-layer pipe SN4 Effective length = 5 m Colour: Orange Pipe standard: EN 1401-2	165
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	85
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	100
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	10

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 & BBA CERT 11/4825</p>	200
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 & 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 & 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 & BBA CERT 11/4825</p>	180
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 & BBA CERT 11/4825</p>	100

11	UPVC SEWER BEND DN 110, 15°		<p>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</p>	100
12	UPVC END CAP DN100		<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 Certification: EN1401 & BBA CERT 11/4825</p>	100
13	UPVC END CAP 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 Certification: EN1401 & BBA CERT 11/4825</p>	40
14	UPVC SEWER PLUG DN110		<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 Certification: EN1401 & BBA CERT 11/4825</p>	100
15	INSPECTION CHAMBER 315MM, TYPE I, DN 110 (TEGRA OR EQUIVALENT)		<p>Main Material: PP Material: Polypropylene (PP) Colour: Black Number of connections: 2 Nominal diameter: 315 mm Flat bottom</p>	100
16	INSPECTION CHAMBER 425, TYPE X, 90° DN 160 (TEGRA OR EQUIVALENT)		<p>Main Material: PP Material: Polypropylene (PP) Colour: Black Number of connections: 4 Nominal diameter: 425 mm Flat bottom</p>	15

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	10
18	TELESCOPIC ADAPTOR 600MM		Main Material: PP Material: Polypropylene (PP) Colour: Black Diameter: 600 mm Height: 548 mm	10
19	UPVC SEWER TELESCOPIC PIPE 425		Colour: Orange Material: UPVC Inlet Thread Type: Push fit Application: Sewer Corrosion Resistant: Yes	15
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	10
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	15
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	15

24	INSPECTION CHAMBER COVER DN 600		Material: Cast-iron Load Capacity: D400 Colour: Black Diameter: 600 Connection shape: Round	10
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	17
27	PP CORRUGATED SHAFT PIPE DN 600		Colour: Orange Main Material: UPVC SDRSN 4 Nominal diameter: 600 mm	9
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	10
29	WARNING TAPE 500M ROLL (CAUTION-SEWER PIPE BELOW)		(CAUTION-SEWER PIPE BELOW)	10