

Ref. No.: NWSDB/SBD/SUP/DI(Sew)/FC/Ver 1

REVISED ON 04-06-2024

**THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA**

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS,
SPECIALS, ACCESSORIES DI VALVES, MANHOLE COVERS
AND SURFACE BOXES FOR SEWERAGE WORKS**

**.....
SEWERAGE SCHEME**

CONTRACT No.:

REVISED ON 04-06-2024

**NATIONAL WATER SUPPLY AND DRAINAGE BOARD
GALLE ROAD
RATMALANA
SRI LANKA**

**.....
MONTH & YEAR**

DOCUMENT ISSUANCE CERTIFICATE

(To be filled at the time of issue by the authorised issuing officer)

1. STANDARD SPECIMEN DOCUMENT NUMBER: NWSDB/SBD/SUP/DI(Sew)/FC/Ver1
2. CONTRACT NUMBER:
- 3 a) ISSUED TO :
.....
- b) ADDRESS:
.....
- c) TELEPHONE NUMBER:
- d) FACSIMILE NUMBER:
4. a) TENDER FEE : Rs. RECEIVED IN CASH/ BANK DRAFT
- b) COURIER FEE: Rs.
- c) RECEIPT/BANK DRAFT NUMBER:
5. NUMBER OF COPIES ISSUED :
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8. a) ISSUING OFFICER :
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9. PLACE OF ISSUE :
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11. DATE : TIME :

TABLE OF CONTENTS

SECTION	<u>PAGE NUMBER</u>	
	From	To
Document Issuance Certificate		(i)
Table of Contents	(ii)	(iii)
Check List of submissions		(iv)
Invitation for Bid		(v)
1. Instructions to Bidders	1 - 1	1 – 23
2. General Conditions of Contract	2 - 1	2 - 23
3. Form of Bid	3 -1	3 -2
4. Bidding Data	4 –1	4 – 3
5. Contract Data		
• General	5 -1	5 – 2
• Delivery Schedule		5 -3
• Payment Schedule	5 -3	5 – 4
6. Specification	6n– 1	6bb – 15
7. Schedule of Particulars	7 -1	7– 26
8. Deviation from Specifications		8 – 1
9. Key Features of Specification	9-1	9 -2
10. Bills of Quantities		
Preamble Notes on Pricing	10 -1	10 - 3
Bills of Quantities	10 -1	10 - 17
Summary of Bills		10 -18
11. Specimen Forms		
Letter of Acceptance	11 -1	11 - 2
Contract Agreement	11- 3	11 – 5
Bid Security		11 – 6
Performance Guarantee		11 -7

12	Appendices	
	Appendix 1 - Details of similar supplies carried out within the last five years and ongoing	12 - 1
	Appendix 2 - Financial statement	12 - 2
	Appendix 2 A - Authorization for Bank References	12 - 3
	Appendix 3 - Guarantee for DI pipes, fittings and rubber rings	12 - 4
	Appendix 4 - Confirmation of capability of Production and supply according to Delivery Schedule	12 - 5
	Appendix 5 - Manufacture's Authorization to Sign the Contract	12-6
	Appendix 6 - Bidders Authorization to sign the contract	12- 7
	Appendix 7 - TOR for Independent Inspection Agency	12 - 8 12 - 13
	Appendix 8 - Manufacturer's awareness of the TOR	12- 14
	Appendix 9 - Pre shipment Inspection for Pipes and Fittings	12 -16 - 12-27
	Appendix 10 - Manufacturer's warranty for goods supplied	12 -28
	Appendix 11	
	11 - 1 - Specimen Form of Test Certificate for Pipes & Fittings	12 - 29
	11 - 2 - Specimen Form of Test Certificate for Valves	12 - 30
	11 - 3 - Specimen Form of Test Certificate for Joint Rings & Gaskets	12 - 31
	11 - 4 - Specimen Form of Test Certificate for Nuts & Bolts	12 - 32
	11 - 5 - Specimen Form of Test Certificate for Manhole Covers	12 -33
	11 - 6 - Specimen Form of Test Certificate for Leak Tightness Test Performance	12 - 34
	Appendix 12 - Confirmation of Supplying Goods Manufactured at the Factory quoted	12 -35
	Appendix 13 - Affidavit by the Bidder	12- 36
	Appendix 14 - Pre-Qualification of Manufacturers for Supply & Delivery of DI Pipes & Fittings	12- 37
	Appendix 15 - Entitle allowances on foreign travels & related expenses	12- 38

CHECKLIST OF SUBMISSIONS

CHECKLIST OF SUBMISSIONS

* **Note: Please mark 'Y' in the cages under the "remarks" column if submissions are made. 'N' or 'N/A' should be marked for cases of 'No submissions' and 'not applicable' respectively.**

		Reference		Remarks *
(a)	Documentary evidence to establish eligibility of Bidding.	Page No. 1-4, 1-5	Clause No. 2.1,2.2	
(b)	Certified copy of business registration.	Page No. 1 - 5	Clause No. 2.1	
(c)	Documentary evidence to establish qualifications for the performance of the Contract.	Page No. 1 - 5	Clause No. 2.2	
(d)	Documentary evidence to establish that goods offered are from an eligible source and origin.	Page No. 1-6	Clause No. 2.2(b), 3	
(e)	The Bidder's technical and production capability necessary to perform the Contract.	Page No. 1 - 4 1 - 5	Clause No. 2.1 (e)& (f) 2.2 (b)	
(f)	Duly completed section 1 to 12 of Bidding Documents. (Bidder shall fill the Schedule of Particulars, BOQ etc., indicating any deviations to specifications under the corresponding schedule of particulars).	Page No. 1 - 7, 1-8	Clause No. 6.1, 10.1 (a)	
(g)	Subsequent Addendum/Addenda. (if any)	Page No. 1 - 9	Clause No. 10.1(b)	
(h)	Bid Security.	Page No. 1-13, 1-14	Clause No. 13	
(i)	Product Conformity Certificates.	Page No. 1 - 6	Clause No. 10.1	
(j)	Quality Assurance Certificates for items offered/Bidder.	Page No. 1 - 4	Clause No. 10.1	
(k)	In the case of a Bidder offering to supply Goods under the Contract which the Bidder does not manufacture or otherwise produce, authorisation by the manufacturer or producer of Goods as his accredited agent.	Page No. 1 - 6	Clause No. 2.2 (b)	
(l)	The agreement of the manufacturer or producer to confirm that the supply will be made in accordance with the Delivery Schedule.	Page No. 1 - 5	Clause No. 2.2 (b)	
(m)	Proof of Authorisation.	Page No. 1 - 15	Clause No.15.3	
(n)	Certified copy of the VAT registration certificate.	Page No. 1 - 11, 1-12	Clause No. 11.4	
(o)	Copies of relevant standard used for pipes, specials & fittings.	Page No. 7-1 7-26	Schedule of Particulars	
(p)	Certificates of registration of the contract with the registrar of public contracts as per the Act No. 3 of 1987. (If required)	Page No. 1-22	Clause No. 38	
Any other document as given below:				

INVITATION FOR BIDS

MINISTRY OF

**NATIONAL WATER SUPPLY AND DRAINAGE BOARD
INVITATION FOR BIDS**

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,
ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR
SEWERAGE WORKS**

FOR SEWERAGE SCHEME

CONTRACT No.:

1. The Chairman, Cabinet Appointed Procurement Committee, Ministry of, No.35, "Lakdiya Medura", New Parliament Road, Pelawatta, Battaramulla, Sri Lanka, on behalf of the National Water Supply & Drainage Board now invites sealed bids for the Supply & Delivery of DI Pipes, Fittings, Specials and Accessories for Sewerage works forSewerage Scheme up to closing of bids at hours on
2. Bidding Documents are available at the office of the Assistant General Manager (Tenders and Contracts), National Water Supply & Drainage Board (NWSDB), Galle Road, Ratmalana, Sri Lanka between 09:00 hours to 15:00 hours on normal working days up to, upon payment of a non refundable fee of Rsplus applicable VAT.
3. Bidding Documents may be inspected free of charge at the office of the Assistant General Manager (Tenders and Contracts), NWSDB, Galle Road, Ratmalana, Sri Lanka.
4. Bidding Documents will be issued only to those who are pre-qualified manufacturers by NWSDB or their local Accredited Agents for supply of DI pipes, fittings, specials and accessories for sewerage works upon production of a letter of request for documents on a business letterhead.
5. To be eligible for contract award, the successful bidder shall not have been blacklisted.
6. Alternative bids shall not be accepted. Bidders may purchase bidding documents in required number and may submit one or more independent offers. The independent offers shall be in separate set of bidding documents together with separate bid securities. Bids with alternative offers in one document will be rejected without assigning reasons.
7. Sealed bids may be either dispatched by registered post or hand delivered to the Chairman, Cabinet Appointed Procurement Committee, Procurement Division, Ministry of, No. 35, "Lakdiya Madura", New Parliament Road, Pelawatta, Battaramulla, Sri Lanka to receive on or before the closing time. Late bids will be rejected.
8. All Bids shall be accompanied by a bid security of Rupees.....and the bid security shall be valid upto.....(*Specify the Date*).
9. Bids will be opened immediately after the closing of Bids, at the office of the Procurement Division, Ministry of, No.35, "LakdiyaMedura", Sunil Mawatha, Pelawatta, Battaramulla, Sri Lanka. Bidders or their authorised representatives may be present at the opening of bids.
10. For further details, please contact the Assistant General Manager (Tenders and Contracts), NWSDB, Galle Road, Ratmalana, Sri Lanka on telephone number 94 -11-2605328 or 94-11-2638999 Ext. 1750 or facsimile number 94 -11-2635885.

Chairman

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

MINISTRY OF
NATIONAL WATER SUPPLY AND DRAINAGE BOARD
INVITATION FOR BIDS
SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,
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Chairman,
NATIONAL WATER SUPPLY AND DRAINAGE BOARD

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

INVITATION FOR BIDS

SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,

ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR SEWERAGE WORKS

FOR SEWERAGE SCHEME

CONTRACT No.:

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Chairman

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

1. INSTRUCTIONS TO BIDDERS

2. GENERAL CONDITIONS OF CONTRACT

3. FORM OF BID

THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,
ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR
SEWERAGE WORKS**

FOR SEWERAGE SCHEME

CONTRACT No.:

FORM OF BID

The Chairman,
Cabinet Appointed Procurement Committee,
Ministry of,
No. 35, "Lakdiya Medura"
New Parliament Road,
Pelawatta,
Battaramulla.

I/We, the undersigned, having authority to sign this Bid and having read and fully acquainted myself/ourselves with the contents of the Information and Instructions to Bidders and Terms and Conditions of Bid and Delivery Schedule pertaining to the above Bid, along with Bills thereto, do hereby undertake to supply the Goods and Services referred to therein, in accordance with the aforesaid Instructions, Terms and Conditions for a total Bid price of foreign currency in United States Dollars (US\$).....(*in words*) US \$.....(*in figures*) and Sri Lanka Rupees.....
.....(*in words*)Rs.....(*in figures*)
(excluding VAT) The make up of the aforesaid total Bid Price is given in the accompanying Bills of Quantities.

I/We confirm that this offer shall be open for acceptance until as given in the Bidding Data and that it will not be withdrawn or revoked prior to that date.

I/We attach hereto the following documents as part of my/our Bid.

1. Duly completed sections 1 to 12 of Bid Documents.
2. Documentary evidence to establish eligibility of Bidder.
3. Documentary evidence to Establish qualification to consider for the responsiveness to the contract.
4. Documentary evidence to establish that goods are offered from an eligible source and origin.
5. Documentary evidence to establish eligibility of goods offered.
6. Bid Security.
7. Documentary evidence to establish qualifications for the performance of the Contract.
8. Bidding Data.
9. Duly filled Appendices.
10. Any other document.

I/We declare that the Photostat copies of documents and certificates submitted as part of my/our Bid are true copies of such documents and certificates. Also in case of ISO 9001/BSEN ISO 9001 certificate(s), and Product conformity certificate (s) as listed in the specifications I/we confirm that I/we have verified that the certificate issuing authority has accreditation to issue same and materials offered conform to the ISO 9001 : 2015/BSEN ISO 9001 : 2015certificates and the specified product standard certificates.

I/We further agree to the right of the Board to debar me/us from participating in its future Bids in the event that my/our submitted copies or documents are found to be forged or tampered with.

I/We understand that you are not bound to accept the lowest Bid and that you reserve the right to reject any or all Bids or to accept any part of a Bid without assigning any reasons thereto.

I/We undertake to adhere to the Delivery Schedule given in the Contract Data.

My/Our Bank Reference is as follows:
.....

Signature of Bidder :
Name of Bidder :
Address :
Capacity :
Telephone Number :
Facsimile Number :
Date :

Witnesses

1. Signature :
Name :-
Address :
Capacity :
2. Signature :
Name :-
Address :
Capacity :

THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,
ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR
SEWERAGE WORKS**

FOR..... SEWERAGE SCHEME

CONTRACT No.:

FORM OF BID

The Chairman,
Ministry Procurement Committee,
Ministry of,
No. 35, "Lakdiya Medura"
New Parliament Road,
Pelawatta,
Battaramulla.

I/We, the undersigned, having authority to sign this Bid and having read and fully acquainted myself/ourselves with the contents of the Information and Instructions to Bidders and Terms and Conditions of Bid and Delivery Schedule pertaining to the above Bid, along with Bills thereto, do hereby undertake to supply the Goods and Services referred to therein, in accordance with the aforesaid Instructions, Terms and Conditions for a total Bid price of foreign currency in United States Dollars (US\$).....(*in words*) US \$.....(*in figures*) and Sri Lanka Rupees
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(*in words*)Rs.(*in figures*)
(excluding VAT) The make up of the aforesaid total Bid Price is given in the accompanying Bills of Quantities

I/We confirm that this offer shall be open for acceptance until as given in the Bidding Data and that it will not be withdrawn or revoked prior to that date.

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2. Documentary evidence to establish eligibility of Bidder.
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5. Documentary evidence to establish eligibility of goods offered.
6. Bid Security.
7. Documentary evidence to establish qualifications for the performance of the Contract.
8. Bidding Data.
9. Duly filled Appendices.
10. Any other document.

I/We declare that the Photostat copies of documents and certificates submitted as part of my/our Bid are true copies of such documents and certificates. Also in case of ISO 9001/BSEN ISO 9001 certificate(s), and Product conformity certificate (s) as listed in the specifications I/we confirm that I/we have verified that the certificate issuing authority has accreditation to issue same and materials offered conform to the ISO 9001 : 2015/BSEN ISO 9001 : 2015certificates and the specified product standard certificates.

I/We further agree to the right of the Board to debar me/us from participating in its future Bids in the event that my/our submitted copies or documents are found to be forged or tampered with.

I/We understand that you are not bound to accept the lowest Bid and that you reserve the right to reject any or all Bids or to accept any part of a Bid without assigning any reasons thereto.

I/We undertake to adhere to the Delivery Schedule given in the Contract Data.

My/Our Bank Reference is as follows:

Signature of Bidder :
Name of Bidder :
Address :
Capacity :
Telephone Number :
Facsimile Number :
Date :

Witnesses

1. Signature :
Name :-
Address :
Capacity :
2. Signature :
Name :-
Address :
Capacity :

THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS,
ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR
SEWERAGE WORKS**

FOR SEWERAGE SCHEME

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FORM OF BID

The Chairman,
Department Procurement Committee,
National Water Supply & Drainage Board,
Galle Road,
Ratmalana.
Sri Lanka.

I/We, the undersigned, having authority to sign this Bid and having read and fully acquainted myself/ourselves with the contents of the Information and Instructions to Bidders and Terms and Conditions of Bid and Delivery Schedule pertaining to the above Bid, along with Bills thereto, do hereby undertake to supply the Goods and Services referred to therein, in accordance with the aforesaid Instructions, Terms and Conditions for a total Bid price of foreign currency in United States Dollars (US\$).....(*in words*) US \$.....(*in figures*) and Sri Lanka Rupees.....

.....(*in words*) Rs.....(*in figures*)
(excluding VAT) The make up of the aforesaid total Bid Price is given in the accompanying Bills of Quantities.

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10. Any other document.

I/We declare that the Photostat copies of documents and certificates submitted as part of my/our Bid are true copies of such documents and certificates. Also in case of ISO 9001/BSEN ISO 9001 certificate(s), and Product conformity certificate (s) as listed in the specifications I/we confirm that I/we have verified that the certificate issuing authority has accreditation to issue same and materials offered conform to the ISO 9001 : 2015/BSEN ISO 9001 : 2015 certificates and the specified product standard certificates.

I/We further agree to the right of the Board to debar me/us from participating in its future Bids in the event that my/our submitted copies or documents are found to be forged or tampered with.

I/We understand that you are not bound to accept the lowest Bid and that you reserve the right to reject any or all Bids or to accept any part of a Bid without assigning any reasons thereto.

I/We undertake to adhere to the Delivery Schedule given in the Contract Data.

My/Our Bank Reference is as follows:

Signature of Bidder :
Name of Bidder :
Address :
Capacity :
Telephone Number :
Facsimile Number :
Date :

Witnesses

1. Signature :
Name :-
Address :
Capacity :
2. Signature :
Name :-
Address :
Capacity :

4. BIDDING DATA

The Bidding Data is a part of Instructions to Bidders and should be read in conjunction with the Instructions to Bidders.

If there is a discrepancy found in the Instructions to Bidders and the Bidding Data, the Content in the Bidding Data shall supersede the Content in the Instructions to Bidders.

BIDDING DATA

Clause Reference Number Instructions to Bidders

(1) The bidder is expected to supply the following items of materials

.....
.....

2.2. Qualification

2.2 (a)

(i) Manufacturer shall be a NWSDB pre-qualified manufacturer having qualified to provide the pipes & fittings frommm to mm diameter range within the last five years. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

(i) Working Capital ^{*1} + present available credit facilities for the company^{*2} + credit facilities exclusively for this contract - 0.1 x current work commitments^{*3}> Rs.....^{*4}

*1 Working Capital = Current Assets – Current Liabilities.

*2 A letter to prove the availability of credit facilities issued by a Bank within a month prior to date of closing of Bids.

*3 Current work commitment = work remaining uncompleted.
(Documentary evidence to justify shall be submitted)

*4 15% of estimated cost of the Bid.

(3.1) Add to Clause

a) The supplier shall not be allowed to state or supply any good apart from the pre-qualified lists of manufacturers given in Appendix-14 for relevant goods mentioned in Bills of Quantities in this document.

b) If there is no pre-qualified manufacturers list in Appendix-14 for any good mentioned in Bills of Quantities, the supplier shall state and provide all required details of manufacturer compliance with the Specifications given in Section 6 of this document and for the Couplings, Flange Adaptors, Stepped Couplings and Dismantling Joints for DI, Asbestos, GRP, HDPE and PVC Connections; Manufacturer shall have a valid ISO 9001 : 2015 Quality Management System Certificate and a valid product certificate conforming to the EN 14525:2022 or WIS 4-21-02 or ASTM F1476 or AWWA C219 issued by an Accredited Agency which is a member of International Accreditation Forum (IAF) or accredited laboratory which is a member of International Laboratory Accreditation Corporation (ILAC).

(4) Funds required for this contract is available under

(6.2) The address for the purchasing of Bidding Document/clarification of Bidding Document is

Assistant General Manager (Tenders & Contracts),
National Water Supply & Drainage Board (NWSDB),
Galle Road, Ratmalana.
FAX 94 -11 – 2635885 TEL. 94 - 11-2605328

(12.5) Add to the **Clause 12.5**

As an alternative the purchaser shall establish Telegraphic Transfer as stated in the **Clause 16.3** of Contract Data.

(13.2) The amount of Bid Security shall be Sri Lanka Rupees.

(13.3) The validity of Bid Security shall be up to(specify the date)

(14.1) The period of Bid Validity shall be 210 days from the date of closing of Bid.

(17.2) (a) The inner and outer envelopes shall be addressed as follows:

The Chairman, Cabinet Appointed Procurement Committee,
Procurement Division,
Ministry of,
No. 35, “Lakdiya Medura”
New Parliyamant Road,
Pelawatta,
Battaramulla,
Sri Lanka.

(c) “Not to be opened before(Time) on (Date)”

(18.1) The Procurement Committee’s address for the purpose of Bid submission (and on behalf of the Board) and Bid opening is;

Cabinet Appointed Procurement Committee,
Procurement Division,
Ministry of,
No. 35, “Lakdiya Medura”
New Parliament Road,
Pelawatta,
Battaramulla,
Sri Lanka.

The deadline for submission of Bid

Date:.....

Time:

(21.1) The place for opening of bids,

Procurement Division,
Ministry of,
No. 35, "Lakdiya Medura"
New Parliament Road,
Pelawatta,
Battaramulla,
Sri Lanka.

(24.1) Add to Clause

If a Bid does not meet any one of the requirements (a), (b), (c) & (d) of **Clause 24.1**, it will be considered substantially non responsive and rejected by the Procurement Committee.

(28.1) After evaluation of Bids in accordance with the procedures described under **Clauses 23, 24, 25, 26, 27 and 28**, the Employer will inform to all the bidders in writing the selection of the successful bidder and the intention of contract award to such bidder. The unsuccessful bidders if they so wish, within one week of such notice may make representation to the Procurement Appeal Board at the address given below. Such representation shall be self-contained to enable the Appeal Board to arrive at a conclusion and a cash deposit to amount given below shall be made. The Appeal Board may request the bidder who had made representation to submit further evidence during the investigations. The cash deposit will be forfeited unless the Employer change the original contract award decision in favour of the bidder who has made such representation.

Address : The Secretary
Appeal Board, Presidential Secretariat
Colombo, Sri Lanka.

Cash Deposit: Rupees 50,000.00

(33.2) The prevailing rate of stamp duty on contracts for supply of goods is nil.

(34.1) The amount of Performance Guarantee shall be 10% of the Contract Price.

BIDDING DATA

Clause Reference Number
Instructions to Bidders

(1) The bidder is expected to supply the following items of materials
.....
.....

2.2. Qualification

2.2 (a)
(i) Manufacturer shall be a NWSDB pre-qualified manufacturer having qualified to provide the pipes & fittings frommm to mm diameter range within the last five years. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)
(i) Working Capital ^{*1} + present available credit facilities for the company^{*2} + credit facilities exclusively for this contract - 0.1 x current work commitments^{*3}>Rs.....^{*4}

- *1 Working Capital = Current Assets – Current Liabilities.
- *2 A letter to prove the availability of credit facilities issued by a Bank within a month prior to date of closing of Bids.
- *3 Current work commitment = work remaining uncompleted.
(Documentary evidence to justify shall be submitted)
- *4 15% of estimated cost of the Bid.

(3.1) Add to Clause
a) The supplier shall not be allowed to state or supply any good apart from the pre-qualified lists of manufacturers given in Appendix-14 for relevant goods mentioned in Bills of Quantities in this document.
b) If there is no pre-qualified manufacturers list in Appendix-14 for any good mentioned in Bills of Quantities, the supplier shall state and provide all required details of manufacturer compliance with the Specifications given in Section 6 of this document and for the Couplings, Flange Adaptors, Stepped Couplings and Dismantling Joints for DI, Asbestos, GRP, HDPE and PVC Connections; Manufacturer shall have a valid ISO 9001 : 2015 Quality Management System Certificate and a valid product certificate conforming to the EN 14525:2022 or WIS 4-21-02 or ASTM F1476 or AWWA C219 issued by an Accredited Agency which is a member of International Accreditation Forum (IAF) or accredited laboratory which is a member of International Laboratory Accreditation Corporation (ILAC).

(4) Funds required for this contract is available under

- (6.2) The address for the purchasing of Bidding Document/clarification of Bidding Document is

Assistant General Manager (Tenders & Contracts),
National Water Supply & Drainage Board (NWSDB),
Galle Road, Ratmalana.
FAX 94 -11 – 2635885 TEL. 94 - 11-2605328

- (12.5) Add to the **Clause 12.5**

As an alternative the purchaser shall establish Telegraphic Transfer as stated in the **Clause 16.3** of Contract Data.

- (13.2) The amount of Bid Security shall be Sri Lanka Rupees.

- (13.3) The validity of Bid Security shall be up to(specify the date)

- (14.1) The period of Bid Validity shall be 119 days from the date of closing of Bid.

- (17.2) (a) The inner and outer envelopes shall be addressed as follows:

The Chairman, Ministry Procurement Committee,
Procurement Division,
Ministry of,
No. 35, “Lakdiya Medura”
New Parliament Road,
Pelawatta,
Battaramulla,
Sri Lanka.

- (c) “Not to be opened before(Time) on (Date)”

- (18.1) The Procurement Committee’s address for the purpose of Bid submission (and on behalf of the Board) and Bid opening is;

The Chairman, Ministry Procurement Committee,
Procurement Division,
Ministry of,
No. 35, “Lakdiya Medura”
New Parliament Road,
Pelawatta,
Battaramulla,
Sri Lanka.

The deadline for submission of Bid

Date:.....

Time:

(21.1) The place for opening of Bids,

Procurement Division,
Ministry of,
No. 35, "Lakdiya Medura"
New Parliament Road,
Pelawatta,
Battaramulla,
Sri Lanka.

(24.1) Add to Clause

If a Bid does not meet any one of the requirements (a), (b), (c) & (d) of **Clause 24.1**, it will be considered substantially non responsive and rejected by the Procurement Committee

(28.1) After evaluation of Bids in accordance with the procedures described under **Clauses 23, 24, 25, 26, 27 and 28**, the Employer will inform to all the bidders in writing the selection of the successful bidder and the intention of contract award to such bidder. The unsuccessful bidders if they so wish, within one week of such notice may make representation to the Ministry Procurement Appeal Board at the address given below.

Such representation shall be self-contained to enable the Appeal Board to arrive at a conclusion and a cash deposit to amount given below shall be made. The Appeal Board may request the bidder who had made representation to submit further evidence during the investigations. The cash deposit will be forfeited unless the Employer change the original contract award decision in favour of the bidder who has made such representation.

Address : The Secretary
Appeal Board,
Ministry of,
No. 35, "Lakdiya Medura"
New Parliament Road,
Pelawatta,
Battaramulla.

Cash Deposit: Rupees 25,000.00

(33.2) The prevailing rate of stamp duty on contracts for supply of goods is nil.

(34.1) The amount of Performance Guarantee shall be 10% of the Contract Price.

BIDDING DATA

Clause Reference Number Instructions to Bidders

(1) The bidder is expected to supply the following items of materials

.....
.....

2.2. Qualification

2.2 (a)

(i) Manufacturer shall be a NWSDB pre-qualified manufacturer having qualified to provide the pipes & fittings frommm to mm diameter range within the last five years. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

(i) Working Capital ^{*1} + present available credit facilities for the company^{*2} + credit facilities exclusively for this contract - 0.1 x current work commitments^{*3}> Rs.....^{*4}

*1 Working Capital = Current Assets – Current Liabilities.

*2 A letter to prove the availability of credit facilities issued by a Bank within a month prior to date of closing of Bids.

*3 Current work commitment = work remaining uncompleted.
(Documentary evidence to justify shall be submitted)

*4 15% of estimated cost of the Bid.

(3.1) Add to Clause

a) The supplier shall not be allowed to state or supply any good apart from the pre-qualified lists of manufacturers given in Appendix-14 for relevant goods mentioned in Bills of Quantities in this document.

b) If there is no pre-qualified manufacturers list in Appendix-14 for any good mentioned in Bills of Quantities, the supplier shall state and provide all required details of manufacturer compliance with the Specifications given in Section 6 of this document and for the Couplings, Flange Adaptors, Stepped Couplings and Dismantling Joints for DI, Asbestos, GRP, HDPE and PVC Connections; Manufacturer shall have a valid ISO 9001 : 2015 Quality Management System Certificate and a valid product certificate conforming to the EN 14525:2022 or WIS 4-21-02 or ASTM F1476 or AWWA C219 issued by an Accredited Agency which is a member of International Accreditation Forum (IAF) or accredited laboratory which is a member of International Laboratory Accreditation Corporation (ILAC).

(4) Funds required for this contract is available under

(6.2) The address for the purchasing of Bidding Document/clarification of Bidding Document is

Assistant General Manager (Tenders & Contracts),
National Water Supply & Drainage Board (NWSDB),
Galle Road, Ratmalana.
FAX 94 -11 – 2635885 TEL. 94 - 11-2605328

(12.5) Add to the **Clause 12.5**
As an alternative the purchaser shall establish Telegraphic Transfer as stated in the **Clause 16.3** of Contract Data.

(13.2) The amount of Bid Security shall be Sri Lanka Rupees.

(13.3) The validity of Bid Security shall be up to(specify the date)

(14.1) The period of Bid Validity shall be 91 days from the date of closing of Bid.

(17.2) (a) The inner and outer envelopes shall be addressed as follows:

The Chairman, Department Procurement Committee,
C/o, Assistant General Manager (Tenders Contracts),
National Water Supply and Drainage Board,
Galle Road, Ratmalana,
Sri Lanka.

c) “Not to be opened before(Time) on (Date)”

(18.1) The Procurement Committee’s address for the purpose of Bid submission (and on behalf of the Board) and Bid opening is;

Department Procurement Committee,
C/o, Assistant General Manager (Tenders Contracts),
National Water Supply and Drainage Board,
Galle Road, Ratmalana,
Sri Lanka.

The deadline for submission of Bid

Date:..... Time:

(21.1) The place for opening of Bids,

Tenders & Contracts Section,
National Water Supply and Drainage Board,
Galle Road,
Ratmalana,
Sri Lanka

(24.1) Add to Clause

If a Bid does not meet any one of the requirements (a), (b), (c) & (d) of **Clause 24.1**, it will be considered substantially non responsive and rejected by the Procurement Committee.

(33.2) The prevailing rate of stamp duty on contracts for supply of goods is nil.

(34.1) The amount of Performance Guarantee shall be 10% of the Contract Price.

5. CONTRACT DATA

- **GENERAL**
- **DELIVERY SCHEDULE**
- **PAYMENT SCHEDULE**

The Contract Data is a part of General Conditions of Contract and should be read in conjunction with the General Conditions of Contract.

If there is a discrepancy found in the General Conditions of Contract and the Contract Data, the Content in the Contract Data shall supersede the Content in the General Conditions of Contract.

Contract Data

Contract Data is a part of condition of contract and shall be read together. If any discrepancy is found content of the contract Data shall supersede the conditions of contract.

(Please note that the Clause nos. given hereunder are that of Conditions of Contract)

Clause Reference Number

General Conditions of Contract

- 1.1 (j) The Employer is
Name: National Water Supply and Drainage Board,
Address: Galle Road, Ratmalana

Authorized Representative of the employer is :
The Chairman,
National Water Supply & Drainage Board,
Galle Road, Ratmalana.
- 1.1 (k) The Engineer is

General Manager,
National Water Supply and Drainage Board,
Galle Road, Ratmalana.
- 3.2 The Engineer's Representative shall be the (PD/DGM of relevant (RSC)
.....
.....of the National Water Supply and Drainage
Board.
- 10.2 The Goods shall be delivered at such places, in such quantities and within
such periods as prescribed in the attached Delivery Schedule.
Contract Period from the date of acceptance of bid is..... days.
- 15.2 The validity of warranty shall be 36 months.
- 16.3 Add **Sub-Clause 16.3 (b)**
As an alternative the purchaser shall establish Telegraphic Transfer for the
foreign component quoted in accordance with **Clause 16.1** General Conditions
of Contract for an equivalent sum of not exceeding US\$ 50,000, for purchase
of goods/ materials on submission of an unconditional, on demand advance
payment guarantee equal to the value of Telegraphic Transfer, from a reputed
Bank operating in Sri Lanka, by the bidder.
Validity of the advance payment guarantee shall be 28 days beyond the
contract period.

Advance payment guarantee shall be released upon handing over goods at site and acceptance by the Engineer. If the supplier fails to deliver the goods on time up to the requested quality, this Advance payment guarantee shall be forfeited.

23.1 The amount of Liquidated Damages shall be Rs. per day of delay. Limit of Liquidated Damages shall not exceed 10% of Contract Price.

31.1 Purchaser's address for notice purposes shall be as follows:

- (a) General Manager,
National Water Supply and Drainage Board,
Galle Road,
Ratmalana,
Sri Lanka.

Facsimile Number: Colombo, 011-2635885

e – Mail : gmnwsdb@sltnet.lk

Supplier's address for notice purposes shall be as follows:

.....
.....
.....
.....

DELIVERY SCHEDULE

Item No.	Description of Goods	Quantity	Final Destination <i>[insert place of Delivery]</i>	Delivery Date
				Purchaser's delivery date as per the contract
01.	Bill No. 1			
02.	Bill No. 2			

PAYMENT SCHEDULE

Letter of Credit will be opened by the Purchaser. No Advance payment will be made.

STAGE OF PAYMENT	STAGE OF CONTRACT	DOCUMENT TO BE SUBMITTED	AMOUNT OF PAYMENT	REMARKS	
(A) Foreign Payment					
1	First installment	On shipping the items part or fully.	<ul style="list-style-type: none"> ◆ Copies of the Supplier's invoice showing description of Goods, quantity, unit price, total amount and HS Code Number; ◆ 3 copies of clean on-board bill of lading marked freight prepaid. ◆ Copies of packing list identifying contents of each package and measurements. ◆ Manufacturer's warranty certificate as per Clause 15 hereof. ◆ Inspection certificates, issued by the nominated inspection agency and the Pre-shipment Inspection Team. ◆ Manufacturer's Inspection and Test Certificate. ◆ Certificate of origin. ◆ Certificate of conformity to the standards specified in the specifications. ◆ Inspection and test certificate by the NWSDB pre-shipment Inspection team. 	75% of foreign component of the items shipped on Letter of Credit.	
2	Balance foreign component	Final acceptance by the Engineer based on the delivery and other obligations.	On production of a Final Acceptance Certificate issued by the Engineer. Engineer's Representative's approval for the balance payment of Foreign Component.	Balance 25% of the foreign component shall be paid on Letter of Credit	The total Contract Sum shall become payable within <u>60 days</u> from the date of the Engineer's Final Acceptance Certificate.
(B) Local Payment					
3	First Payment of Supply Bill	On delivery and stacking of the Goods at site.	Document providing the delivered Goods are in compliance with the contract.	90% of the Local component of the Contract Price less Bank charges.	Sri Lanka Rupees component by a cheque in favour of the supplier.
4	Balance Local Payment	Final acceptance by the Engineer for the delivery and other obligations.	A written request for balance payment in the form of an invoice based on the BOQ and Engineer's approval for the payment.	10% of the Local component of the Contract Price less remaining Bank charges.	The total Contract Sum shall become payable within <u>60 days</u> from the date of the Engineer's Final Acceptance Certificate.

6. SPECIFICATION

- **SPECIFICATION FOR MECHANICAL COUPLINGS, REPAIR CLAMPS & FLANGE ADAPTORS** **6n-1 6n-44**
- **SPECIFICATION FOR PVC/ABS/STAINLESS STEEL/BRONZE/DI/CI VALVES, SHEAR GATES, SLIDE GATES AND MANHOLE COVERS &FRAMES FOR SEWERAGE APPLICATIONS** **6x-1 6x-34**
- **SPECIFICATION FOR DI PIPES & FITTINGS AND SPECILS FOR SEWERAGE APPLICATIONS** **6bb-1 6bb-15**

*Download and add
above Specifications
from “NWSDB web”
under the “Restrict Links”
when preparing the Bidding
Document*

7. SCHEDULE OF PARTICULARS

SCHEDULE OF PARTICULARS

TABLE OF CONTENTS	PAGE NUMBER
1 DI Pipes and Fittings	7 - 2
2 Mechanical Couplings, Repair clamps and Flange Adaptors	7 - 5
3 Gate/Sluice Valves	7 - 6
4 Butterfly Valves	7 - 7
5 Air Valves	7 - 9
6 Check Valves	7 - 10
7 Pressure Reducing Valves	7 - 12
8 Pressure Sustaining/Relief Valves	7 - 13
9 Altitude Valves	7 - 14
10 Ball Float Valves	7 - 15
11 Flap Valves	7 - 17
12 Surface Boxes and Manhole covers	7 - 18
• Specimen form of test certificate for Pipes and Fittings	7 - 19
• Specimen form of test certificate for Valves and Hydrants	7 - 20
• Specimen form of test certificate for Joint Rings and Gaskets	7 - 21
• Specimen form of test certificate for Nuts and Bolts	7 - 22
• Specimen form of test certificate for Manhole covers	7 - 23

SCHEDULE OF PARTICULARS

1 DI PIPES AND FITTINGS

- 1.1 Country of manufacture: (1) Pipes
(2) Fittings
- 1.2 Manufacturers' name and Address: (1) Pipes
.....
(2) Fittings
.....
- 1.3 1.3.1 Standards to which pipes and fittings conform:
(1) Pipes
(2) Fittings
- 1.3.2 No. of shipment proposed by the bidder :
- 1.4 Is Certificate for conformity to standards from relevant standards Institution provided to the factory/factories : (1) Pipes
(2) Fittings
- 1.5 Is ISO 9001:2015 Quality Management System Certificate provided to the factory/factories
(1) Pipes
(2) Fittings
- 1.6 Class of Pipes and fittings :

	Class
S/S Pipes
Pipes with integral casted flanges
Pipes with factory welded flanges
Pipes with screwed flanges
Tees
Bends & Other Fittings
- 1.7. Whether factory welded flange pipes tested for each flanged joint?
- 1.8. Whether Pipes & Fittings are from same Manufacturer ?.....
- 1.9 Gaskets, Joint rings and Lubricant :
- 1.9.1 Standard to which Gaskets, Joint rings conforms:
- 1.9.2 Is Certificate for conformity to standards from relevant standards Institution provided to the factory/factories :
- 1.9.3 Is ISO 9001:2015 Quality Management System Certificate provided to the factory/factories :

1.10 Make of Gaskets, Joint rings and Lubricant :

Make

Gaskets
Joint rings
Lubricant

1.11 Material of Gaskets, Joint rings and Lubricant :

Gaskets
Joint rings
Lubricant

1.12. Hardness range of Gaskets and Joint Rings

Hardness Range (1RHD)

Gaskets
Joint Rings

1.13 Standard to which Flanges conform :

1.14 Whether Flanges are integrally casted or Factory welded ?

1.15 Type of external coating and grade :

1.16 Standard to which external coating conform:

1.17 Type of internal coating/lining and standard:

1.18 Standard to which nuts and bolts, washers conform and the type of material:

Standard

Material

1.19. Standard to which polyethylene sleeving conform and the colour

Standard

Colour

1.20 Quantity of joint protection materials required per flanged joint as per manufacturer's recommendation

Diameter (mm)	Mastic /Primer (litres)	Paste (kg)	Tape (m)	uPVC/Polyethylene outer wrapping (m)
150
200
.....
.....

1.21 Port of shipment :

1.22 Packing and protection in transit :

1.23 Time of delivery:

1.24 Reference of the catalogues, technical literature, drawing provided with the Bid:

1.25 Name and address of the Supplier's accredited agent in Sri Lanka:

1.26 Deviations from specifications (if any):

1.27 Marking of Pipes and Fittings; Manufacturer's Name and Class as

Embossed Cold Stamp

1.28 Other Markings; Cast on

Cold Stamp Painted with an indelible paint

2. MECHANICAL COUPLINGS, REPAIR CLAMPS AND FLANGE ADAPTORS

2.1 Country of manufacture :.....

2.2 Manufacturers' Name and Address:.....

2.3 Make, Material, Hardness Range and Standard :

	Make	Material	Hardness Range	Standard	Date of Manufacture
Sleeve:	N/A	.....	.....
Flange :	N/A	.....	.....
Gaskets:
Joint Rings:

2.4 Type of external coating and thickness:

2.5 Type of internal coating and lining:

2.6 Time of Delivery :

2.7. Port of Shipment:

2.8 Reference of the catalogues, technical literature, drawings provided with the Bid :

2.9. Name and Address of supplier's agent (if any) in Sri Lanka

2.10. Deviations from Specifications (if any) :

2.11. Is ISO 9001 : 2015 Quality Management System Certificate provided to the Factory

3. GATE/SLUICE VALVES

- 3.1 Country of Manufacture :
- 3.2 Manufacturer's Name and Address:
- 3.3 Date of Manufacture:
- 3.4. Standards to which valves conform
- 3.5. Is certificate for conformity to standards from relevant Standards Institution provided to the factory/ factories
- 3.6. Is ISO 9001 : 2015Quality Management System Certificate provided to the factory/ Factories
- 3.7 Material
Body :
- Spindle :
- Metal faces and seal:
- 3.8. Length between flanges (mm):.....
- 3.9 End flanges - Pressure Rating:
- Dimensions (mm):
- Bolt Circle dia (mm):
- 3.10. Whether gearing arrangement Provided :
- Gear Ratio
- Unbalanced head: bars
- Seat test pressure: bars
- Body test pressure: bars
- 3.14. Internal protection :
- 3.15. External protective finish:
- 3.16. Weight of the valve kgs
- 3.17. Packing and protection of valves in transit:
- 3.18. Reference of the catalogues, technical literature and drawing provided with the Bid:

- 3.19. Port of shipment:
- 3.20. Time of delivery of valves at the port of shipment:
- 3.21. Name and Address of Supplier's accredited agent in Sri Lanka:
- 3.22. Deviations from Specifications (if any):

4. BUTTERFLY VALVES

- 4.1 Country of Manufacture
- 4.2 Manufacturer's name and Address:
.....
- 4.3 Date of Manufacture:.....
- 4.4 Standard to which valves conform:
- 4.5. Is certificate for conformity to Standards from relevant Standard Institution provided to the factory/ factories.
- 4.6 Is ISO 9001 :2015 Quality Management System Certificate provided to the factory/ factories.
- 4.7 Material
 - Valve body:
 - Valve disc:
 - Valve seat:
 - Shaft:
 - Shaft seals:
- 4.8 Valve body : Whether Rubber lined ? if so material :
- 4.8.1 Standards to which gaskets conforms :.....
- 4.8.2 Is certificate for conformity to Standards from relevant Standard Institution provided to gaskets :.
- 4.8.3 Is ISO 9001 : 2015 Quality Management System Certificate provided to the factory/ factories.

- 4.9. Face to face dimensions of the valves (mm) :.....
- 4.10 End Flanges
 Pressure rating:.....
 Dimensions (mm):.....
 Bolt circle dia (mm):.....
- 4.11. Standard to which nuts and bolts conform and the material:.....
- 4.12. The type of operating gear for the valve:.....
- 4.13. Operating method of the valve (hand wheel/Tee key):.....
- 4.14. Whether Gearing arrangement is provided :
- Gear ratio of gearing:.....
 Unbalanced head: Bars
 Seat test pressure : Bars
 Body test pressure Bars
- 4.15. Internal protective finish:
 Material :
 Thickness :
- 4.16. External protective finish:
 Material :
 Thickness :
- 4.17. Weight of the valve: Kg
- 4.18. Packing and Protection of valves in transit:
- 4.19. Reference of the catalogues, technical literature and drawings provided with the Bid:

- 4.20. Port of shipment:
- 4.21. Time of delivery of valves at port of shipment:
- 4.22. Name and Address of supplier's agent (if any) in Sri Lanka:

- 4.23. Deviations from specifications (if any) :.....

5. AIR VALVES

5.1. Country of Manufacture :

5.2 Manufacturer’s name and Address:

5.3 Date of Manufacture:

5.4 Is ISO 9001:2015 Quality Management System Certificate provided to the factory /
 Factories :

5.5. Type of Valve (single orifice/double orifice):

5.6. For large orifice air valves;

Orifice dia mm	Minimum air outflow at 0.5 bar differential pressure m ³ /min
	Minimum air inflow at 0.2 bar differential pressure m ³ /min

5.7. For large orifice and Double orifice air valves; whether isolating valve has mitre gearing
 for making it Tee key operated:

5.8. Make of material of Ball (Stainless Steel or Plastic):.....

5.9. Flanges (if applicable)

Pressure rating :

Standard :.....

Dimensions (mm) :.....

Bolt circle dia (mm):.....

5.10. Seat test pressure : bars

5.11 Body test pressure : bars

5.12 Internal protective finish:

5.13. External protective finish:.....

5.14. Weight of the valve :..... kg

5.15. Packing and protection of valves in transit:

5.16. Reference of the catalogues, technical literature and drawings provided with the Bid:

- 5.17. Port of shipment:
- 5.17. Time of delivery of valves at port of shipment:.....
- 5.18. Name and Address of supplier's agent (if any) in Sri Lanka:
-
- 5.19. Deviations from specifications (if any):.....

6 CHECK VALVES

- 6.1 Country of Manufacture :
- 6.2 Manufacturer's name and Address:
-
- 6.3 Date of Manufacture:.....
- 6.4 Standard to which valves conform:
- 6.5 Is ISO 9001 : 2015 Quality Management System provided to the factory/
factories:.....
- 6.6 Is product conformity certificate from relevant Standard Institution provided to the
Factory / factories :.....
- 6.7 Is this Vertical Installation or Horizontal Installation :.....
- 6.8 Is this non Slam :.....
- 6.9 Is this Spring loaded :
- 6.10 Material
- Valve body:
- Hinge pin and bushes:.....
- Disc:.....
- Disc encapsulating material:.....
- 6.11 End Flanges
- Pressure rating:.....
- Dimensions (mm):.....
- Bolt circle dia (mm):.....
- Standard :.....

- 6.12. Face to face dimensions of the valve (mm) :.....
- 6.13. Seat test pressure : bars
- 6.14. Body test pressure bars
- 6.15. Internal protective finish:.....
- 6.16. External protective finish:.....
- 6.17. Weight of the valve: Kg
- 6.18. Packing and Protection of valves in transit:.....
- 6.19. Reference of the catalogues, technical literature and drawings provided with the Bid:
.....
- 6.20. Port of shipment:.....
- 6.21. Time of delivery of valves at port of shipment:.....
- 6.22. Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 6.23. Deviations from specifications (if any):.....

7. PRESSURE REDUCING VALVES

- 7.1 Country of Manufacture :
- 7.2 Manufacturers' Name and Address:
.....
- 7.3 Date of Manufacture:.....
- 7.4 Is ISO 9001:2015 Quality Management System provided to the factory/ factories:.....
.....
- 7.5 Is product conformity certificate from relevant Standard Institution provided to the factory/ factories:.....
- 7.6 Material
 - Main valve:.....
 - Body:.....
 - Internal valve:.....
 - Indicator rod:.....

 - Relay Valve
 - Body:.....
 - Spindle:.....
 - Diaphragm:.....
 - Spring:.....
- 7.7 Length between flanges (mm):.....
- 7.8 End Flanges
 - Pressure rating:.....
 - Dimensions (mm):.....
 - Bolt circle dia (mm):.....
 - Standard :.....
- 7.9 Minimum running pressure difference: bars
- 7.10 Minimum control pressure bars
- 7.11 Internal protective finish:.....
- 7.12 External protective finish:.....
- 7.13 Weight of the valve: kg
- 7.14 Packing and Protection of valves in transit:.....

- 7.15 Reference of the catalogues, technical literature and drawings provided with the Bid:
- 7.16 Port of shipment:.....
- 7.17 Time of delivery of valves at port of shipment:.....
- 7.18 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 7.19 Deviations from specifications (if any):.....

8. PRESSURE SUSTAINING/RELIEF VALVES

- 8.1 Country of Manufacture :.....
- 8.2 Manufacturer's name and Address:.....
- 8.3 Date of Manufacture:.....
- 8.4 Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories
- 8.5 Is product conformity certificate from relevant Standard Institution provided to the factory/ factories:.....
- 8.6 Material
 - Main valve:.....
 - Body:.....
 - Internal valve:.....
 - Indicator rod:.....

 - Relay Valve
 - Body:.....
 - Spindle:.....
 - Diaphragm:.....
 - Spring:.....
- 8.7 Length between flanges (mm):.....
- 8.8 End Flanges
 - Pressure rating:.....
 - Dimensions (mm):.....
 - Bolt circle dia (mm):.....
 - Standard :.....

- 8.9 Internal protective finish:.....
- 8.10 External protective finish:.....
- 8.11 Weight of the valve: kg
- 8.12 Packing and Protection of valves in transit:.....
- 8.13 Reference of the catalogues, technical literature and drawings provided with the Bid:
.....
- 8.14 Port of shipment:.....
- 8.15 Time of delivery of valves at port of shipment:.....
- 8.16 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 8.17 Deviations from specifications (if any):.....

9 ALTITUDE VALVES

- 9.1 Country of Manufacture :.....
- 9.2. Manufacturer's name and Address:.....
.....
- 9.3. Date of Manufacture:.....
- 9.4. Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories
- 9.5 Is Product Conformity Certificate from relevant Standard Institution provided to the factory/ factories.....
- 9.6 Material
 - Main valve:.....
 - Body:.....
 - Internal valve:.....
 - Indicator rod:.....

Relay Valve

- Body:.....
- Spindle:.....
- Diaphragm:.....
- Spring:.....

9.7 Length between flanges (mm):.....

9.8 End Flanges

- Pressure rating:.....
- Dimensions (mm):.....
- Bolt circle dia (mm):.....
- Standard :.....

9.9 Minimum head required at valve inlet:.....

9.10 Internal protective finish:.....

9.11 External protective finish:.....

9.12 Weight of the valve: kg

9.13 Packing and Protection of valves in transit:.....

9.14 Reference of the catalogues, technical literature and drawings provided with the Bid:

.....

9.15 Port of shipment:.....

9.16 Time of delivery of valves at port of shipment:.....

9.17 Name and Address of supplier's agent (if any) in Sri Lanka:.....

9.18 Deviations from specifications (if any):.....

10 BALL FLOAT VALVES

10.1 Country of Manufacture :.....

10.2. Manufacturer's name and address :

10.3. Date of Manufacture:.....

10.4 Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories
.....

10.5. Is product conformity certificate from relevant Standard Institution provided to the
factory/ factories.....

- 10.6 Body test pressure:.....
- 10.7 End Flanges
 - Pressure rating:.....
 - Dimensions (mm):.....
 - Bolt circle dia (mm):.....
 - Standard:.....
- 10.8 Material
 - Valve Body:.....
 - Float:.....
 - Lever and links:.....
- 10.9 Body test pressure: bars
- 10.10. Close assembly test pressure bars
- 10.11 Weight of the valve: kg
- 10.12 Packing and Protection of valves in transit:.....
- 10.13 Reference of the catalogues, technical literature and drawings provided with the Bid:
 -
- 10.14 Port of shipment:.....
- 10.15 Time of delivery of valves at port of shipment:.....
- 10.16 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 10.17 Deviations from specifications (if any):.....

11. FLAP VALVES

- 11.1 Country of Manufacture :.....
- 11.2 Manufacturer's name and Address:.....
- 11.3 Date of Manufacture:.....
- 11.4 Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories
.....
- 11.5 Is product conformity certificate from relevant Standard Institution provided to the
factory/ factories.....
- 11.6 Material
 - Frame and door:.....
 - Sealing:.....
 - Hinge pin:.....
 - Links:.....
- 11.7 Flanges
 - Pressure rating:.....
 - Dimensions (mm):.....
 - Bolt circle dia (mm):.....
 - Standard :.....
- 11.8 Weight of the valve: kg
- 11.9 Packing and Protection of valves in transit:.....
- 11.10 Reference of the catalogues, technical literature and drawings provided with the
Bid:.....
- 11.11 Port of shipment:.....
- 11.12 Time of delivery of valves at port of shipment:.....
- 11.13 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 11.14 Deviations from specifications (if any).....

12 SURFACE BOXES AND MANHOLE COVERS

12.1 Country of Manufacture :.....

12.2 Manufacturer’s name and Address :.....

12.3 Material :.....

12.4 Class, Make, Standard and Date of Manufacture

	Class	Make	Standard	Date of Manufacture
Manhole Covers :
Surface Boxes :

12.5 Coating :.....

12.6 Lifting arrangements:

Manhole Covers :.....

Surface Boxes :.....

12.7 Name and Address of Supplier’s agent (if any) in Sri Lanka :.....

12.8 Port of Shipment:.....

12.9 Time of Delivery of Material at port of shipment:.....

12.10 Deviations from Specification (if any):.....

I/We certify that the details given above are true and the Goods supplied under this Contract comply with above.

.....
Signature of the Supplier

Note: Copies of the relevant standards used for pipes, specials and fittings should be forwarded along with the offer.

8. DEVIATION FROM SPECIFICATION

DEVIATIONS FROM SPECIFICATIONS

Preamble

The Bidder is required to list any deviations of materials workmanship etc. from the Specifications including such information as has already been given elsewhere in the Bidding Documents. The information shall be in sufficient detail to enable the Engineer to make a realistic assessment of the effect of such deviations on the performance or life of the materials to be supplied and also such deviation if any shall be subject to **Clause 24** of Instructions to Bidders.

The list shall also include deviations from the Specifications relating to the mode of operation and/or control of any item of equipment, and any deviations from the specified design requirements for plant components.

Deviations

Note:

Additional sheets should be attached as necessary

9. KEY FEATURES OF SPECIFICATIONS

KEY FEATURES OF SPECIFICATIONS

Some of the salient features of the specifications are summarized below to furnish a quick reference. The Bidders are under obligations to refer the whole of the specifications in their entirety prior to perfecting their bidding documents, and will be deemed to have done so during the bidding stage.

Feature	Description	Standard of Conformity
Class of		
<ul style="list-style-type: none"> • Socket and spigot pipes 	C 40	ISO 7186 : 2011 and BSEN 598 : 2009
<ul style="list-style-type: none"> • Pipes with factory welded flanges 	C 40	
<ul style="list-style-type: none"> • Pipes with integral flanges 	C 40	
<ul style="list-style-type: none"> • Fittings except Tees and Crosses 	C 40	
<ul style="list-style-type: none"> • Tees and crosses 	C 40	
Length of Pipes		ISO 7186 : 2011 and BSEN 598:2009
Pressure rating of flanges	PN 16	BSEN 1092 – 2:1997
External coating of pipes and fittings	Metallic zinc on zinc rich paint followed by two coats of bituminous based black paint or an approved coat of epoxy	ISO 8179-I, II BS 3416:1991 Type II
Internal lining of pipes and fittings	Cement mortar	ISO 7186 : 2011 BSEN 598:2009 ISO 4179 : 2005 ISO 6600 : 1980
The material for Joint Rings	EPDM	BSEN 681-1 : 1996
The dual hardness of rings <ul style="list-style-type: none"> • Heal of the ring • Bulb of the ring 	76-84 1RHD 46-55 1RHD	BSEN 681-1 : 1996 BSEN 681-1 : 1996
The material for Gasket and Hardness Range.	EPDM, 76-84 1RHD	BSEN 681-1 : 1996
The material for Nuts, Bolts and washers.	High Tensile Steel	BSEN 14399 : Part 2: 2005
The colour for polyethylene sleeving.	Blue	BS 6076 : 1996 ISO 8180 : 2006
The hardness of <ul style="list-style-type: none"> • Pipes • Fittings and accessories 	230 HB 250 HB	ISO6506
Protective coating of Mechanical couplings, Repair clamps and Flange Adaptors.	Polymeric anti-corrosion coating in accordance with WIS 4-52-01 Class B with a coating thickness of not less than 250 microns.	

Feature	Description	Standard of Conformity
The material for valve Body	Ductile Iron	BS EN 1563 : 2018
Sluice Valves		
<ul style="list-style-type: none"> • Up to 600 mm • Above 600 mm 	Shall comply with Shall comply with	BS 5163 : 2004 BS5150 : 1990
Butterfly Valves	Shall comply with	BSEN 593 : 2004
Check valves	Shall comply with	BSEN 12334 : 2001
Fire Hydrants		
<ul style="list-style-type: none"> • Screw down Type 	Shall comply with	BS 750 : 2006 (type 2)
<ul style="list-style-type: none"> • Dry barrel Type 	Shall comply with	AWWA C 502-80
Surface Boxes		
<ul style="list-style-type: none"> • Material 	Ductile Iron	BS 5834:Part 2:1983
<ul style="list-style-type: none"> • Grade 	Heavy duty	
Manhole covers and frames		
<ul style="list-style-type: none"> • Material 	Ductile Iron	BS EN 124 : 1994
<ul style="list-style-type: none"> • Class 	Heavy Duty	

10. BILLS OF QUANTITIES

- **PREAMBLE NOTES ON PRICING**
- **BILLS OF QUANTITIES**
- **SUMMARY OF BILLS**

PREAMBLE NOTES ON PRICING

1. General

1.1 The bidder's attention is specifically directed to the Form of Bid, Instructions to Bidders, Conditions of Contract, Contract Data, Delivery Schedule, Schedule of Particulars and Specifications which are to be read in conjunction with the Bills of Quantities. The following notes are given to assist in pricing the Bills of Quantities and enable the supplier to arrive at the total Bid Price. The Bidder shall insert rates and prices for the supply and delivery of **DI pipes, fittings, specials, accessories and DI valves** for sewerage works in strict accordance with the specifications.

2. Description of Items

2.1 Descriptions attached to the items in the Bills of Quantities are only in sufficient detail to ensure identification of the work described in the specification.

3. Rates and prices

- 3.1 In pricing the items of the Bills of Quantities, the bidder shall cover himself and will be deemed to have covered himself for:
- a. All services and materials which according to the true intent and meaning of the contract may be reasonably inferred as necessary for completion of delivery of the materials in sound condition to the Stores which is specified in **Contract Data**.
 - b. All the duties, obligations, liabilities and responsibilities which the Contract documents place upon the bidders in connection with or in relation to the Contract.
 - c. All costs arising out of inspection except inspection as per **Clause 8** of General Conditions of Contract, testing, packing, transportation, clearing, loading, unloading, stacking, shipping line charges, warehouse rent, port charges, any demurrages, Agents Commission if any and other minor expenses.
 - d. All Costs including all taxes and duties and other charges imposed outside Sri Lanka on raw materials, production, manufacture, sales, transport and any other cost that may be incurred of all goods.
 - e. All duties and taxes if any except customs duty and port charges that may be levied in purchaser's country (Sri Lanka).
 - f. Cost of accessories not specifically listed, but necessary for proper completion
 - g. Price charged by the supplier for the preceding incidental services.

- h. Custom duties, import license fees and port charges levied on the goods supplied under contract shall be directly paid by the Purchaser as per **Clause 32.4** of the General Conditions of Contract
- 3.3 Bidder shall include FOB price under Foreign cost and all local costs which are incurred in Sri Lanka including Agency Commission under Local Cost. Freight, cost of pre-shipment inspection by Employer and Inspection and Testing by Independent Testing Agency shall be included in the summary of each Bill. Total of the Summary of each bill shall be carried forward to “Summary of Bills”.
- 3.4 Insurance shall be done by the Purchaser.
- 3.5 Shipping shall be done as specified in the **Clause 37** of Instruction to Bidders.
4. **Schedule of Particulars**
- a) The bidders are necessarily be required to complete fully the schedule of particulars given in the Bidding document.
- b) where catalogues, technical literature and drawings accompanying the bid, their references should be quoted in the Schedule of Particulars;
- c) Where the bidder's specification is not conforming to the minimum specification, the offer will not be accepted;
5. A rate and/or price is to be entered against each item in the Bills of Quantities whether quantities are stated or not. If a bidder does not quote for a item of a bill , the particular bill shall be considered as incomplete and that bill shall not be taken for evaluation.
6. The Bills of Quantities contains metric sized pipes fittings specials and valves only.
7. The bidder shall include in the unit price for DI pipes, fittings, specials, accessories and DI valves for sewerage works and the cost of all materials required for jointing of pipes, (Rubber rings, lubricant, bolts, nuts, washes and gaskets for flanged fittings etc.) **unless separate items are provided.**
8. All loose items such as nuts, bolts, washers and rubber rings shall be separately packed in accordance with the relevant sub-section in the Bills of Quantities with a maximum weight of 100 kg.
9. Cost of combined allowance for pre-shipment inspection for two Engineers by the Employer shall be for the entire duration as per the **Clause 8.2** of the Conditions of Contract. If any shortage is found, the supplier shall bear the additional cost.
10. Cost of Inspection and Testing by the Independent Inspection and Testing Agency shall be as per the **Clause 8** of the Conditions of Contract.
11. The rates and/or prices entered against items in the Bills of quantities shall be excluding the VAT as the VAT is considered separately.

SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS, ACCESSORIES, DI VALVES, MANHOLE COVERS AND SURFACE BOXES FOR SEWERAGE WORKS
 **SEWERAGE SCHEME**
CONTRACT No.

BILL No. 01

Note: (1) All spigot and socket pipes shall be of class C 40 for upto 300mm dia. Class C 30 for 350mm dia. to 600mm dia. (both inclusive) and C25 for above 600mm dia.
 (2) All flange pipes, fittings & flanges shall be PN 16

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	<u>CLASS C 40; SPIGOT & SOCKET PIPES</u>						
01	Spigot and Socket Straight Pipes (excluding joint rings & lubricant) 250 mm dia.		m				
02	EPDM Joint Rings for above spigot & socket pipes (including 10% extra) 250 mm dia.		nr				
03	Lubricant for above spigot & socket pipes (including 10% extra)		kg				
	<u>CLASS C 40; FLANGED PIPES & FITTINGS</u>						
	DI Double Flanged Straight Pipes (excluding gaskets, nuts & bolts)						
04	250mm dia.(4000mm long)		m				
05	250mm dia.(1500 mm long)		m				
06	250mm dia.(3000mm long)		m				
	Sets of Nuts and Bolts including two Washers for each nut for above double flanged pipes						
07	250mm dia.(4000mm long)		Sets				
08	250mm dia.(1500 mm long)		Sets				
09	250mm dia.(3000mm long)		Sets				
	Total of page No. 10- ... carried to Summary in page 10 –						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	EPDM Gaskets for above double flange pipes						
10	250mm dia.(4000mm long)		nr				
11	250mm dia.(1500 mm long)		nr				
12	250mm dia.(3000mm long)		nr				
	CLASS C 40; FLANGED PIPES & FITTINGS						
	DI Double Flanged Straight Pipes (excluding gaskets, nuts & bolts)						
13	80 mm dia.		m				
14	100 mm dia.		m				
15	150 mm dia.		m				
16	200 mm dia.		m				
17	.....		m				
18	.....					
19	.....					
	Sets of Nuts and Bolts including two Washers for each nut for above double flanged pipes						
20	80 mm dia.		Sets				
21	100 mm dia.		Sets				
22	150 mm dia.		Sets				
23	200 mm dia.		Sets				
24	.....					
25	.....					
26	.....					
	EPDM Gaskets for above double flange pipes						
27	80 mm dia.		nr				
28	100 mm dia.		nr				
29	150 mm dia.		nr				
30	200 mm dia.		nr				
31	.....					
32	.....					
33	.....					
	Total of page No. 10 - carried to Summary in page 10 -						

Item No.	Description	Qty.	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	DI Flanged and Plain Ended Straight Pipes (excluding gasket, nuts & bolts)						
34	80 mm dia. (..... mm long)		nr				
35	100 mm dia.(..... mm long)		nr				
36	150 mm dia.(..... mm long)		nr				
37	200 mm dia.(..... mm long)		nr				
38	.....		nr				
						
						
	Sets of Nuts and Bolts including two Washers for each nut for above flanged and plain ended pipes						
39	80 mm dia.		Sets				
40	100 mm dia.		Sets				
41	150 mm dia.		Sets				
42	200 mm dia.		Sets				
43	.....					
44	.....					
45	.....					
	EPDM Gaskets for above flanged and plain ended pipes						
46	80 mm dia.		nr				
47	100 mm dia.		nr				
48	150 mm dia.		nr				
49	200 mm dia.		nr				
50	.....		nr				
51	.....					
52	.....					
	DI Double Socketed Bends (excluding joint rings and lubricant)						
53	80 mm dia. 90 deg.		nr				
54	80 mm dia. 45 deg.		nr				
55	80 mm dia. 22½ deg.		nr				
56	80 mm dia. 11¼ deg.		nr				
57	100 mm dia. 90 deg.		nr				
58	100 mm dia. 45 deg.		nr				
59	100 mm dia. 22½ deg.		nr				
	Total of page No. 10 - ... carried to Summary in page 10 -						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
60	100 mm dia. 11¼ deg.						
61	.....					
62	.....					
	EPDM Joint Rings for above bends (including 10% extra)						
63	80 mm dia.		nr				
64	100 mm dia.		nr				
65	150 mm dia.		nr				
66	200 mm dia.		nr				
67	.....					
68	.....					
69	Lubricant for above bends (including 10% extra)		kg				
	DI Double Flanged Bends (excluding gaskets, nuts & bolts)						
70	80 mm dia. 90 deg.		nr				
71	80 mm dia. 45 deg.		nr				
72	80 mm dia. 22½ deg.		nr				
73	80 mm dia. 11¼ deg.		nr				
74	..... mm dia 90 deg.		nr				
75	..... mm dia. 45 deg.		nr				
76	..... mm dia 22 ½ deg.		nr				
77	..... mm dia. 11 ¼ deg.		nr				
78	..... mm dia deg.		nr				
79	..... mm dia. ....deg.		nr				
80	..... mm dia deg.						
81	..... mm dia. ....deg.						
	Sets of Nuts & Bolts, including two Washers for each nut for above double flanged bends						
82	80 mm dia.		Sets				
83	100 mm dia.		Sets				
84	150 mm dia.		Sets				
85	200 mm dia.		Sets				
86	.....					
87	.....					
88	.....					
	Total of page No. 10–... carried to Summary in page 10 –						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	EPDM Gaskets for above bends						
88	80 mm dia.		nr				
89	100 mm dia.		nr				
90	150 mm dia.		nr				
91	200 mm dia.		nr				
92	.....		nr				
93	.....		nr				
94	.....					
	DI All Socket Concentric Tapers complete with EPDM Joint Rings and Lubricant						
95	200 - 80 mm dia.		nr				
96	400 - 100 mm dia.		nr				
97	.....		nr				
98	.....		nr				
99	.....		nr				
100	.....		nr				
	DI All Flanged Concentric Tapers complete with EPDM Gaskets, Nuts & Bolts						
101	200 - 80 mm dia.		nr				
102	400 - 100 mm dia.		nr				
103	.....		nr				
104	.....		nr				
	DI All Flanged Level Invert Tapers complete with EPDM Gaskets, Nuts & Bolts						
105	200 - 80 mm dia.		nr				
106	400 - 100 mm dia.		nr				
107	.....		nr				
108	.....		nr				
	DI Bell mouth complete with EPDM Gaskets, Nuts & Bolts						
109	80 mm dia.		nr				
110	100 mm dia.		nr				
111	150 mm dia.		nr				
112	200 mm dia.		nr				
113	.....		nr				
114	.....		nr				
115	.....		nr				
116	.....		nr				
	Total of page No. 10 - ... carried to Summary in page 10 - ...						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	DI All Socketed Duck Foot Bends complete with EPDM Joint Rings and Lubricant						
117	80 mm dia.		nr				
118	100 mm dia.		nr				
119	150 mm dia.		nr				
120	.....		nr				
121	.....		nr				
122	.....					
	DI All Flanged Duck Foot Bends complete with EPDM Gaskets, Nuts & Bolts						
123	80 mm dia.		nr				
124	100 mm dia.		nr				
125	150 mm dia.		nr				
126	.....		nr				
127	.....		nr				
128	.....					
	DI Flange Adaptors complete with Fastners and Sealing Rings						
129	80 mm dia.		nr				
130	100 mm dia.		nr				
131	150 mm dia.		nr				
132	.....		nr				
	DI Couplings complete with Fastners and Sealing Rings						
133	80 mm dia.		nr				
134	100 mm dia.		nr				
135	150 mm dia.		nr				
136	.....		nr				
137	.....		nr				
138	.....					
	Total of page No. 10 - ... carried to Summary in page 10 -						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	DI Stepped Coupling complete with Sealing Rings and Fastners suitable for connecting DI pipes to CI pipes						
139	100 dia. DI - 200 dia DI		nr				
140	150 dia. DI - 250 dia. DI		nr				
141	.....		nr				
142	.....		nr				
143	.....		nr				
	DI Blank Flange complete with EPDM Gaskets, Nuts & Bolts						
144	50 mm dia.		nr				
145	80 mm dia.		nr				
146	100 mm dia.		nr				
147	.....		nr				
148	.....		nr				
149	.....		nr				
150	.....		nr				
	Total of page No. 10 - ... carried to Summary in page 10 -						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	<u>CLASS C 40; TEES</u>						
	DI All Socketed Tees complete with EPDM Joint Rings and Lubricant						
151	80 x 100 mm dia.		nr				
152	80 x 150 mm dia.		nr				
153	100 x 150 mm dia.		nr				
154	100 x 200 mm dia.		nr				
155	.....		nr				
156	.....					
157	.....					
	DI All Flanged Tees complete with EPDM Gaskets, Nuts & Bolts						
158	80 x 100 mm dia.		nr				
159	80 x 150 mm dia.		nr				
160	100 x 150 mm dia.		nr				
161	250 x 350 mm dia.		nr				
162	.....		nr				
163	.....					
164	.....					
	DI All Flanged Reducing Tees complete with EPDM Gaskets, Nuts & Bolts						
165	80 x 100 mm dia.						
166	100 x 150 mm dia.		nr				
167	150 x 200 mm dia.		nr				
168	250 x 350 mm dia.		nr				
169	.....		nr				
170	.....		nr				
171	.....					
	Socketed Tees with Flanged branch complete with EPDM Gaskets, Joint Rings, Nuts & Bolts and Lubricant.						
172	80 x 100 mm dia.		nr				
173	80 x 150 mm dia.		nr				
174	100 x 150 mm dia.		nr				
175	100 x 200 mm dia.		nr				
176	.....		nr				
177	.....					
178	.....					
	Total of page No. 10 - ... carried to Summary in page 10 - ...						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	DI All Flanged Level Invert Tees complete with EPDM Gaskets, Nuts and Bolts						
179	80 x 100 mm dia.		nr				
180	80 x 150 mm dia.		nr				
181	100 x 150 mm dia		nr				
182	.....		nr				
183	.....		nr				
184	.....		nr				
	DI Level Invert Socketed Tees with Flanged branch complete with EPDM Gaskets, Joint Rings, Nuts and Bolts and Lubricants.						
185	80 x 100 mm dia.		nr				
186	80 x 150 mm dia.		nr				
187	100 x 150 mm dia.		nr				
188	.....		nr				
189	.....					
190	.....					
	Class D, DI Surface Box with clear opening						
191	..... mm x .....mm		nr				
192	..... mm x mm		nr				
	Class D, DI Manhole Cover complete with Frame with clear opening						
193	..... mm dia.		nr				
194	..... mm dia.		nr				
195	..... mm dia.		nr				
	A sufficient quantity of profiling mastic material, tape and primer compound for protecting all flanged joints and couplings described in Bill No. 01 (Catalogue or printed literature to be furnished with the offer to justify the quality and quantity of the product. A sample should be provided with the offer. Tape overlap shall be 55%.						
	(No of quantity calculation sheet for each dia. Joint shall be submitted)						
196	80 mm dia. (..... No. of joints)		Lump sum				
197	100 mm dia. (.....No. of joints)		Lump sum				
198	150 mm dia. (.....No. of joints)		Lump sum				
199	..... (.....No. of joints)		Lump sum				
200	..... (..... No. of joints)		Lump sum				
	Width of tape provided						
	Length of tape provided						
	Total of page No. 10 - carried to Summary in page 10 -						

SUMMARY OF BILL NO. 01

Page Number	Unit	Amount	
		Foreign Cost USD	Local Cost (SL Rs.)
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
Total of Page No. 10 – ...	-		
.....			
.....			
.....			
Freight	Sum		
Cost of Pre- shipment Inspection for two Engineers by Employer as per Clause No. 8.2 of Conditions of Contract. No. of Pre-shipment inspection (to be filled by the Engineer).	Sum		
Cost of Inspection and Testing by Independent Testing & Inspection Agency	Sum		
Summary of Bill No. 01 Carried to the Page No. 10 –	-		

Name of the Inspection Authority :

.....

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS, ACCESSORIES, DI/CI VALVES,
MANHOLE COVERS AND SURFACE BOXES FOR SEWERAGE WORKS**
..... SEWERAGE SCHEME
CONTRACT No.

Bill No. 02 - Supply of DI Valves, Accessories, Manhole Covers & Surface Boxes

- Note: 1. All Valves shall be suitable for operation with a Valve Key unless otherwise stated.
2. All Flanges shall be of PN 16.

Item No.	Description	Qty.	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	VALVES Sluice Valves						
	DI Double Flanged Sluice Valves suitable for Valve Key operation, complete with Gaskets and Nuts & Bolts.						
01	80 mm dia. (depth of installation is ... m below Ground level . and maximum unbalanced pressure is bars)		nr				
02	100 mm dia. (depth of installation is ... m below Ground level . and maximum unbalanced pressure is bars)		nr				
03	150 mm dia (depth of installation is ... m below Ground level and maximum unbalanced pressure is bars)		nr				
	DI Double Flanged Sluice Valves suitable for Valve Key Operation						
04	200 mm dia. (depth of installation is ... m below Ground level and maximum unbalanced pressure is bars)		nr				
05	250 mm dia. (depth of installation is ... m below Ground level and maximum unbalanced pressure is bars)		nr				
06	300 mm dia. (depth of installation is ... m below Ground level . and maximum unbalanced pressure is bars)		nr				
07	..... mm dia. (depth of installation is ... m below Ground level . and maximum unbalanced pressure is bars)		nr				
	Total of page No. 10 - ... carried to Summary in page 10 - ...						

Item No.	Description	Qty.	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	AIR VALVES						
08	25 mm dia. Single Orifice Screw Down type Air Valve with Isolating Cock.		nr				
	25 mm dia. Single Orifice Flanged type Air Valve complete with Isolating Cock, Gaskets, Nuts & Bolts to suit branch dia;						
09	80 mm branch dia.		nr				
10	100 mm branch dia.		nr				
	Double Orifice Flanged type Air Valve complete with Double Flanged Isolating Gate Valve (key operated), Gaskets, Nuts & Bolts to suit branchdia						
11	80 mm branch dia.		nr				
12	100 mm branch dia.		nr				
	Fire Hydrant Assemblies Screw Down (Type 2: BS 750) for DI Pipes						
13	80 mm dia		nr				
14	100 mm dia		nr				
15	.....		nr				
16	.....		nr				
	Total of page No. 10 – ... carried to Summary in page 10 – ...						

Item No.	Description	Qty	Unit	Rate		Amount	
				Foreign (FOB) USD	Local SLRs.	Foreign (FOB) USD	Local SLRs.
	<p>A sufficient quantity of profiling mastic material, tape and primer compound for protecting all flanged joints and couplings described in Bill No. 01 (Catalogue or printed literature to be furnished with the offer to justify the quality and quantity of the product. A sample should be provided with the offer. Tape overlap shall be 55%.</p> <p>(No of quantity calculation sheet for each dia. Joint shall be submitted)</p>						
17	80 mm dia. (..... No. of joints)		nr				
18	100 mm dia. (.....No. of joints)		nr				
19	150 mm dia. (.....No. of joints)		nr				
19	..... (.....No. of joints)		nr				
20	..... (..... No. of joints)		nr				
	<p>Width of tape provided</p> <p>Length of tape provided</p>						
	Total of page No. 10 – ... carried to Summary in page 10 – ...						

SUMMARY OF BILL NO. 02

Page Number	Unit	Amount	
		Foreign Cost (USD)	Local Cost (SL Rs.)
Total of Page No. 10 - ...	-		
Total of Page No. 10 - ...	-		
Total of Page No. 10- ...	-		
Freight	Sum		
Cost of Pre- shipment Inspection for two Engineers by Employer as per Clause No. 8.2 of Conditions of Contract No. of Pre-shipment inspection (to be filled by the Engineer)	Sum		
Cost of Inspection and Testing by Independent Testing & Inspection Agency	Sum		
Summary of Bill No. 02 Carried to the Page No. 10 –	-		

Name of the Inspection Agency :

.....

SUMMARY OF BILLS

..... SEWERAGE SCHEME

CONTRACT NO.

Bill No.	Description	Amount	
		Foreign (USD)	Local (SLRs.)
01	Supply of DI Pipes, Fittings & Specials		
02	Supply of DI Valves & Accessories		
03	.....	
	Sub Total		
	Less Discount (if any)	.....
	Total of Bid carried to Form of Bid (excluding VAT) in page no. 3-1.		

VAT Registration Number:.....

(A copy of the VAT registration certificate shall be annexed.)

Note: - The NWSDB VAT Registration No: - 4090 31820 7000

11. SPECIMEN FORMS

- **LETTER OF ACCEPTANCE**
- **SPECIMEN FORM FOR CONTRACT AGREEMENT**
- **SPECIMEN FORM FOR BID SECURITY**
- **SPECIMEN FORM FOR PERFORMANCE BANK GUARANTEE**
- **SPECIMEN FORM FOR ADVANCE PAYMENT GUARANTEE (FOR TELEGRAPHIC TRANSFER)**

Regd. Post

T&C/.....

..... [Date]

M/s.

.....
.....
.....

Dear Sirs,

Tender for

.....**Sewerage Scheme**

Contract No.

LETTER OF ACCEPTANCE

We are pleased to inform you that your offer submitted on[date] on the above tender, amounting to United States Dollars
.....(US\$...../=) Plus Sri Lanka Rupees
.....
(LKR.....) has been accepted.

- Applicable VAT will be payable on production of Tax Invoices. The Registered No. for NWSDB for VAT is 4090318207000.

- DI Pipes & Fittings should be from

Inspection and Testing of goods shall be carried as per **Clause 8** of General Conditions of Contract (Page 2-6 to 2-9) with respect to quantity, quality and loading prior to shipment and certificates should be forwarded to[Name of the Engineer's Representative]

All DI pipes & fittings under this contract should be delivered as per the delivery schedule attached herewith within months from the date hereof.

The liquidated damages for any delay beyond the above period shall be LKR...../= per day of delay.

Performance Security in the form of demand guarantee in the prescribed format (a copy annexed) from a recognized bank operating in Sri Lanka approved by the Central Bank of Sri Lanka for an amount of 10% of the total Contract Price valid for a period of months from the date hereof shall be submitted within 14 days from the date hereof. Performance Security shall be denominated in the currency of contract and proportionate to the each currency.

Please acknowledge receipt of this letter by return fax and make arrangements to sign the Agreement by prior appointment with the Asst. General Manager (Tenders & Contracts) within 28 days.

Engineers Representative of this contract is

Please contact Deputy General Manager (.....) on Tele No. for further action on this contract.

Yours faithfully,

National Water Supply & Drainage Board

General Manager

Cc: Secretary, Ministry of
Auditor General – Duplicate offer and a copy of the Tender Board Decision attached
Commissioner of Inland Revenue
Addl. General Manager (.....)
Deputy General Manager (F/C)
Deputy General Manager (IA)
Deputy General Manager (.....)
Project Director (.....)
Chief Engineer (.....)
Stores Copy

**THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF
SRI LANKA**

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

**SUPPLY AND DELIVERY OF DI PIPES, FITTINGS, SPECIALS, ACCESSORIES, DI
VALVES, MANHOLE COVERS AND SURFACE BOXES FOR
SEWERAGE WORKS**

..... SEWERAGE SCHEME

CONTRACT No.:

CONTRACT AGREEMENT

Contract Agreement made and entered into between the National Water Supply and Drainage Board, a corporate body duly established under the provisions of the National Water Supply and Drainage Board Law No. 2 of 1974 and having its Head Office at Ratmalana in Sri Lanka (hereinafter sometimes referred to as "the Board") of the one part and Messrs. which duly incorporated under the laws of Democratic Socialist Republic of Sri Lanka and having registered its office at..... (hereinafter called "the Supplier" which term of expression shall where the context so requires or admits mean and include its successors and permitted assigns) of the other part.

WHEREAS the Board is desirous of entering into a contract with the Supplier for the supply and delivery of to at locations as specified in the Delivery Schedule and has accepted a Bid by the Supplier for the execution and completion of such works.

AND WHEREAS the Bills of Quantities or Schedule of Rates and Specifications and General Conditions of Contract describing the Works to be done have been prepared by the Board and the same have been signed by the parties hereto.

NOW it is hereby agreed as follows:

1. For the consideration hereinafter mentioned the Supplier shall, upon and subject to the conditions hereto annexed, complete the Works referred to in the said Bills of Quantities or Schedule of Rates and in the said specifications and Conditions of Contract to the entire satisfaction of the Board on or before..... subject to extras, omissions and variations to be determined by the Engineer as hereinafter provided.

2. The said General Conditions of Contract, the said Specifications, the said Bills of Quantities or Schedule of Rates, (a detailed list whereof is annexed hereto,) Instructions to Bidders, Contract Data, Bidding Data and Schedule of Particulars and Form of Bid, all duly signed by the Board and the Contractor shall for all purposes where so ever be read, regarded and construed as part and parcel of the Agreement.

3. The Supplier will be paid for the said execution of the Works the sum of Foreign Currency
(In words).....(in figures)and Sri Lanka Rupees
..... (in words)
Rs.(in figures) hereinafter sometimes referred to as the "Contract Price" or such other sum as shall become payable hereunder according to the terms of the Contract.

4. As security for the due and proper performance and fulfillment of this contract and for the due payment of all claims to which the Board may be entitled hereunder, the Contractor hereby undertakes to maintain to the Board with a Guarantee in favour of the Board from a Bank approved by the Engineer as surety in the sum of Rupees.....
.....(Rs.)
which said Performance Guarantee shall remain in force and shall not be discharged until the Engineer shall have granted a Final Certificate to the effect that the Contractor has duly discharged and completed all his obligations under this contract and that there is no sum whatever due to the Board at the date of such Final Acceptance Certificate under this Contract.

5. The following terms used in this Agreement and or in the Specifications shall be understood as having the meanings hereby ascribed to them, namely;
"The Procurement Committee" shall mean the Procurement Committee appointed for the purpose of determining the Bid.

"Contractor" or "Supplier" shall mean the person or persons, firm or firms, company or companies who have contracted for the supply and delivery of the materials and equipment herein specified and includes its successors and permitted assigns.

"Chairman" shall mean the officer for the time being holding the office of or acting as the Chairman, National Water Supply and Drainage Board.

"Engineer" shall mean the Officer for the time being holding the Office of or acting as the General Manager, National Water Supply and Drainage Board.

"Engineer's Representative" shall mean the authorised Representative of the Engineer immediately responsible for the supervision of the Works or any other person appointed from time to time by the Engineer to act as Engineer and notified in writing to the Contractor.

"The Government" shall mean the Government of the Democratic Socialist Republic of Sri Lanka.

"Purchaser" or "The Board" or "Employer" shall mean the National Water Supply and Drainage Board.

"Months" shall mean calendar months.

"The Contract Documents" shall mean the Instructions to Bidders, Contract Data, Bidding Data, Schedule of Particulars, the General Conditions of Contract, the Form of Bid, the Specifications, Bills of Quantities, Addenda, Articles of Agreement and their annexures, Securities and Guarantees, Appendices.

"Contract Price" shall mean the sum stated in the Letter of Acceptance payable to the Contractor for the supply of Goods and Services in accordance with the provisions of the Contract.

"Works" shall mean the supply and delivery of Goods and the Services.

"Variation" shall mean any alteration of the description of any item in the Bills of Quantities or of the Specifications which in the opinion of the Engineer, is required for the perfect completion of the works outlined in the Agreement.

"Rs. or SL Rs. or LKR" shall mean Sri Lanka Rupees.

IN WITNESS WHEREOF the parties hereto have set their hands and seal to these presents at the places and dates hereinafter mentioned.

Signed by the said
Chairman, National Water Supply and Drainage Board, Sri Lanka and.....
.....Board Member of the National Water Supply and Drainage Board, Sri Lanka at
.....on the
..... day of Two Thousand and
..... in the presence of the following Witnesses.

Chairman Board Member

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

WITNESSES

Signature 1:	Signature 2 :
Name :	Name
Address	Address
.....
Capacity	Capacity

Signed by the said in the Capacity of
....., of *(name of the company)* at
..... on the
..... day of Two Thousand
and..... in the presence of the following Witnesses.

.....
Signature of Supplier

WITNESSES

Signature 1 :	Signature 2 :
Name :	Name :
Address	Address
.....
Capacity	Capacity

FORM OF BID SECURITY (Unconditional)

..... [issuing agency’s name, and address of issuing branch or office]
.....

Beneficiary : Chairman
National Water Supply and Drainage Board, Galle Road, Ratmalana

Date..... BID SECURITY No :

We have been informed that
[name of the Bidder ; if joint venture, list complete legal names of partners] (hereinafter called “the Bidder”) has submitted to you its bid dated [insert date] (hereinafter called “ the Bid”) for the execution/supply of
.....[name of contract] under Contract No.....

Furthermore, we understand that, according to your conditions, Bids must be supported by a Bid Security.

At the request of the Bidder, we
[name of issuing agency] hereby irrevocably under take to pay you any sum or sums not exceeding in total an amount of [amount in figures][amount in words] upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation (s) under the bid conditions, because of the Bidder:

- (a). has withdrawn its Bid during the period of bid validity specified ; or
- (b). does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter “the ITB”) or
- (c). having been notified of the acceptance of its Bid by the Employer/ Purchaser during the period of Bid validity , (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Security shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder, or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to [insert date].

Consequently, any demand of payment under this Security must be received by us the office on or before that date.....

.....
[Signature (s) of authorized representative (s)]

PERFORMANCE SECURITY

.....[Issuing Agency's Name and Address of issuing Branch or Office]
.....

Beneficiary : Chairman
National Water Supply and Drainage Board, Galle Road, Ratmalana

Date

PERFORMANCE SECURITY No.:

We have been informed that
[name of Contractor/Supplier] (hereinafter called "the Contractor") has entered into Contract
No. dated with you, for the
["Supply"] of
[name of contract and brief description of Works] (hereinafter called "the Contract").

Furthermore, we understand that according to the conditions of the Contract, a performance security is required.

At the request of the Contractor, we
[name of Agency] hereby irrevocably under take to pay you any sum or sums not exceeding
in total and amount of [in figures]
..... [in words], such sum
being payable in the types and proportions of currencies in which the Contract Price is
payable, upon receipt by us of your first demand in writing accompanied by a written
statement stating that the Contractor is in breach of its obligation (s) under the Contract,
without your needing to prove or to show grounds for your demand or the sums specified
therein.

This shall expire, no later than the day of, 20
[28 days beyond the scheduled contract completion date] and any demand for payments
under it must be received by us at this office on or before that date.

.....
[Signature (s)]

Signature and seal of the guarantor

FORM OF ADVANCE PAYMENT SECURITY

(For Telegraphic Transfer)

.....[Issuing Agency's Name and Address of issuing Branch or Office]
.....
.....

Beneficiary : Chairman,
National Water Supply & Drainage Board,
Galle Road, Ratmalana.

Date

ADVANCE PAYMENT SECURITY No.

We have been informed that
[name of Contractor/Supplier] (hereinafter called "the Contractor") has entered in to
Contract No. dated with you, for the Supply of
..... [name of Contract and brief description] (hereinafter
called "the Contract").

Furthermore, we understand that according to the conditions of Contract an advance payment
in the sum [amount in figures]
(.....) [amount in words] is
to be made against an advance payment security.

At the request of the Contractor, we
[issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in
total and amount of [amount in figures]
(.....)[amount in
words] upon receipt by us of your first demand in writing accompanied by a written
statement stating that the Contractor is in breach of its obligation under the Contract, without
your needing to prove or to show grounds for your demand or the sums specified therein.

The maximum amount of this security shall be progressively reduced by the amount of the
advance payment repaid by the Contractor.

This security shall expire on [28days beyond the Completion Date]

Consequently, any demand for payment under this security must be received by us at this
office on or before that date.

.....
[Signature (s)]

Signature and seal of the guarantor

Witness :

Name :

12. APPENDICES

APPENDIX 1- DETAILS OF SIMILAR SUPPLIES COMPLETED WITHIN THE LAST FIVE YEARS AND ONGOING

Name and Address of Employer	Name and details of Contract	Value of Contract	Period of Contract		Remarks (Completed/ ongoing etc.)	Value of work remaining incomplete
			From	To		

APPENDIX 2 – FINANCIAL STATEMENT

Summary of assets and liabilities based on the audited financial statements for the last three financial years (Current statement may be unaudited) together with the Financial Performance as indicated in the following schedule shall be submitted.

If the business has not been in operation for the last three years, following schedule shall be submitted for the period that the business has been in operation together with the aforesaid financial statements.

Bidders whose financial capability is marginally less to undertake this tender may show credit facilities available to them from banks.

Financial performance for the last 3 years

Year	XXXX	XXXX	XXXX
Turnover from Contracting			
Fixed Assets (FA)			
Current Assets (CA)			
Current Liabilities (CL)			
Long Term Liabilities (LL)			
Net Worth = Total Assets – Total Liabilities			
Current Ratio = $\frac{\text{Current Assets}}{\text{Current Liability}}$			
Liquidity Ratio = $\frac{\text{Current Assets (except stock)}}{\text{Current Liability}}$			
Gearing Ratio = $\frac{\text{Debt Capital} \times 100}{\text{Total Capital Employed}}$			
$\frac{\text{Turnover}}{\text{Total Operating Assets}} \times 100$			
$\frac{\text{Net Profit}}{\text{Total Assets}} \times 100$			

APPENDIX 2A – AUTHORIZATION TO OBTAIN REFERENCES FROM BANKERS

BIDDER SHALL FILL THIS FORM AND PROVIDE WITH THE BID

.....[Bidder's Name]
.....[Address]
.....
.....

Manager.....[Name of Bank]
.....[Address]
.....
.....

Dear sir,

We hereby Authorize the National Water Supply & Drainage Board, on behalf of the procurement Committee, to seek reference of Bank details in order to evaluate the financial statuses of our company M/s.....
.....
[Bidder Name & Address] in Connections with the
..... [Contract Name & Number]
bid, submitted by Us.

Yours faithfully,

.....
.....
Authorized office of the Bidder.

Note:- If there are more than one bank, separate letters should be submitted for each Bank

APPENDIX 3- GUARANTEE FOR DI PIPES , FITTINGS AND RUBBER RINGS

[Address of the Manufacturer]

.....

Chairman,
 National Water Supply and Drainage Board,
 Galle Road, Ratmalana, Sri Lanka.

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.

We ,.....

(*Name & Address of the Pipe Manufacturer*) Manufacturer of DI pipes ,hereby guarantee that,

- 1 DI pipes, fittings and rubber rings supplied under the contract shall fit properly and adequately to ensure leak proof pipeline installations under all working conditions.
2. We will unconditionally undertake to replace any material rejected by the Engineer within the time period as agreed with the Engineer during implementation stage at no additional cost to NWSDB ensuring the timely implementation of the project.
3. We will unconditionally undertake that the Nominated Inspection Agency issues a certificate ensuring that DI pipes, fittings and rubber rings inspected shall fit properly and adequately to ensure leak proof pipeline installations under all working conditions upon shipment.

.....
 Signature of the Authorised
 Officer on behalf of the
 Pipe manufacturer

Name :
 Capacity:

Witness :

- | | | | |
|---|-----------|---|-------|
| 1 | Signature | : | ..... |
| | Name | : | ..... |
| | Capacity | : | ..... |
| | Address | : | ..... |
| | | | |
| 2 | Signature | : | ..... |
| | Name | : | ..... |
| | Capacity | : | ..... |
| | Address | : | ..... |

APPENDIX 4 - CONFIRMATION OF CAPABILITY OF PRODUCTION AND SUPPLY ACCORDING TO DELIVERY SCHEDULE

[Address of the Manufacturer]

.....
.....
.....

Chairman, Procurement committee,
.....,
.....

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.....

We,[*name of manufacturer*] of
.....
.....[*address of manufacturer*] confirm that we have sufficient production capacity to produce the quantity of DI Pipes, Fittings and Specials submitted in our bid and shall deliver them according to the delivery schedule indicated in Contract Data in the bid.

.....
Authorized Officer of the Manufacturer.

.....
Seal of the Company.

Name :

**APPENDIX 5 - MANUFACTURER'S AUTHORIZATION TO SIGN THE
BID/CONTRACT**

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letter head of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The bidder shall include it in its bid].

Date : *[insert date (as day, month and year) of Bid Submission]*

No. : *[insert contract number]*

Chairman, Procurement committee,

.....
.....

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.....

We*[insert complete name of Manufacturer]*, who are official manufacturers of DI Pipes, Fittings, Specials, Accessories, DI/CI Valves, Manhole Covers and Surface Boxes , having factories at*[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a bid the purpose of which is to provide DI Pipes, Fittings, Specials, Accessories, DI Valves, Manhole Covers and Surface Boxes ,manufactured by us and to subsequently negotiate and sign the Contract.

Signed :*[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name :*[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title : *[insert title]*

Duly authorized to sign this Contract on behalf of :*[insert complete name of Manufacturer]*

Dated on day of*[insert date of signing]*.

APPENDIX 6 - BIDDER'S AUTHORIZATION TO SIGN THE BID/ CONTRACT

[The Bidder shall require to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letter head of the Bidder and should be signed by a person with the proper authority to sign documents that are binding on the Bidder. The bidder shall include it in its bid].

Date : *[insert date (as day, month and year) of Bid Submission]*
No. : *[insert contract number]*

Chairman, Procurement committee,
.....
.....

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.....

We*[insert complete name of the Bidder]*, who*[insert full address of Bidder]*, do hereby authorize *[insert complete name of Bidders authorize officer who signs the contract]* to submit a bid on behalf of our company and to subsequently negotiate and sign the Contract.

Specimen Signature

Signed :*[insert signature(s) of authorized representative(s) of the Bidder]*

Name :*[insert complete name(s) of authorized representative(s) of the Bidder]*

Title : *[insert title]*

Duly authorized to sign this Authorization on behalf of :*[insert complete name of Bidder]*

This is to certify that the seal and signatures of legal representative and authorized person affixed to power of attorney attached hereto are found to be authentic.

.....
Signature of Attorney at Law

.....
Seal of Attorney at Law

In the place of (..... address)
Date

APPENDIX 7 - TOR FOR INDEPENDENT INSPECTION AGENCY

DI Pipes & Fittings

	Activity	Test Performed	Results	Acceptability as per Specification
1.	Physical Proportion			
1.1	<u>Socket & Spigot Pipes</u> Pipe wall thickness External Diameter Internal Diameter Length of Pipe Socket Length Chamfering of Spigot end C - Class Grooves in the Socket. Thickness of Internal Cement lining. Smoothness of Internal Cement lining. External Zinc Coating. Thickness & Weight of external Zinc Coating. Compressive Strength of the Cement Lining. Curing period of Pipes after Cement Lining. Smoothness of external Bitumen Coating.			

	Activity	Test Performed	Results	Acceptability as per Specification
1.2	<p><u>Flanged Pipes</u></p> <p>Flange thickness</p> <p>Flange diameters</p> <p>No. of bolt holes</p> <p>Length of pipe</p> <p>Wall Thickness of Pipe.</p> <p>C – Class of Pipe</p> <p>Cleanliness of Flange.</p> <p>Raised Face or Flat Face.</p> <p>Smoothness of Raised Face/Flat Face.</p> <p>Integrally casted or Factory Welded.</p> <p>Condition of weld if welded.</p> <p>Thickness of Internal Cement lining.</p> <p>Smoothness of Internal Cement Lining.</p> <p>External Zinc Coating.</p> <p>Thickness & Weight of external Zinc Coating.</p> <p>Method of Application of Bitumen Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Curing period of Pipes after Cement Lining.</p> <p>Smoothness of external Bitumen Coating.</p>			

	Activity	Test Performed	Results	Acceptability as per Specification
1.3	<p><u>Socketed Bends</u></p> <p>Socket Diameter</p> <p>Length of Bend</p> <p>C-Class of Bend</p> <p>Wall Thickness of bend</p> <p>Grooves in the Socket.</p> <p>Thickness of Internal Cement lining</p> <p>Smoothness of Internal Cement lining</p> <p>External Zinc Coating</p> <p>Thickness & Weight of external cement coating</p> <p>Method of Application of Bitumen Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Curing period of Bends after Cement Lining.</p> <p>Smoothness of external Bitumen Coating.</p>			
1.4	<p><u>Flanged Bends</u></p> <p>Flange Diameter</p> <p>Length of Bend</p> <p>Thickness of Flange</p> <p>No. of Bolt holes</p> <p>Wall Thickness of Pipe</p> <p>Raised Face or Flat Face</p> <p>Smoothness of Raise Face/ Flat Face</p> <p>Integrally Casted /Factory welded condition of weld if welded.</p>			

	Activity	Test Performed	Results	Acceptability as per Specification
1.5	<p>C – class</p> <p>Thickness of Internal Cement lining.</p> <p>Smoothness of Internal Cement lining.</p> <p>External Zinc Coating.</p> <p>Thickness & Weight of External Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Method of Application of Bitumen Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Curing period of Bends after Cement.</p> <p>Smoothness of external Bitumen Coating.</p> <p><u>Tees</u></p> <p>Socketed Tees</p> <p>Length of Tees</p> <p>Length of Branch</p> <p>Diameter of Tee (all faces)</p> <p>Wall Thickness of Tees</p> <p>Wall Thickness of Branch</p> <p>Condition of grooves in socket</p> <p>C – Class</p> <p>Thickness of Internal Cement lining.</p> <p>Smoothness of Internal Cement lining.</p> <p>External Zinc Coating.</p>			

	Activity	Test Performed	Results	Acceptability as per Specification
1.6	<p>Thickness & Weight of External Zinc Coating.</p> <p>Method of Application of Bitumen Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Curing period of Tees after Cement Lining.</p> <p>Smoothness of external Bitumen coating.</p> <p><u>Flanged Tees</u></p> <p>Length of Tee</p> <p>Length of Branch</p> <p>Diameter of Tee (all Branches)</p> <p>Wall Thickness of Tee</p> <p>Diameter of Flanges (All faces)</p> <p>No of Bolt holes</p> <p>Flange thickness</p> <p>Integrally Casted or Factory Welded</p> <p>Condition of weld if welded</p> <p>Flanges of Raised Face or Flat Face</p> <p>Smoothness of Raised Face/ Flat Face</p> <p>C – Class</p> <p>Thickness of Internal Cement lining.</p> <p>Smoothness of Internal Cement lining.</p> <p>External Zinc Coating.</p> <p>Thickness & Weight of external Zinc Coating.</p> <p>Method of Application of Bitumen Coating.</p> <p>Compressive Strength of the Cement Lining.</p> <p>Smoothness of external Bitumen coating.</p>			

	Activity	Test Performed	Results	Acceptability as per Specification
<p>2.</p> <p>2.1</p>	<p>Strength & Metallogical Properties</p> <p><u>DI Pipes & Fittings</u></p> <p>1. Method of Casting Metallogical Properties Tensile Strength Hardness minimum Elongation Positive Internal Hydrostatic Pressure Negative Internal Pressure</p> <p>2. Manufacturing Standards of Pipes & Fittings.</p> <p>3. Lubricant make & seal type of designation of lubricant.</p> <p>4. Manufacturing of lubricant</p> <p>5. Manufacturing Standard of lubricant</p> <p><u>Joint Rings/ Gaskets</u></p> <p>6. Materials of Joint Ring/ Gasket</p> <p>7. Manufacturing Standards of Joint Ring/ Gasket</p> <p>8. Hardness of materials of Joint Ring/ Gasket.</p> <p>9. Seal Type designation of Joint Ring/ Gasket.</p> <p><u>Gasket Nuts & Bolts.</u></p> <p>10. Materials of Nuts & Bolts Washers</p> <p>11. Manufacturing Standard of Nuts & Bolts</p> <p>12. Number of Washers/ Bolt.</p>			

**APPENDIX 8 - MANUFACTURER'S AWARENESS OF THE TOR FOR
INDEPENDENT INSPECTION AGENCY AND CHECK LIST
FOR PRE-SHIPMENT INSPECTIONS**

[Address of the Manufacturer]

.....
.....
.....

Chairman, Procurement committee,

.....,
.....

**Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole
Covers and Surface Boxes For Sewerage Works Sewerage Scheme
Contract No.....**

We,[*name of manufacturer*]

of.....

.....[*address of*

manufacturer]confirm that we have noticed that

- a) Appendix 7 – TOR for Independent Inspection Agency.
- b) Appendix 9 – Check list for Pre-shipment Inspection of DI Pipes & Fittings.
- c) **Clause 8.1** of General Conditions of Contract.

.....

Authorized Officer of the Manufacturer.

.....

Seal of the Company.

Name :

**APPENDIX 9 - PRE-SHIPMENT INSPECTION OF DI PIPES & FITTINGS
BY NWSDB ENGINEERS -CHECK LIST**

Name & Location of the Factory

- Pipe : -
- Fittings : -
- Valves : -
- Couplings :-
- Adaptors :-
- Flanged Pipes : -

(Requirement - Pipes and fittings should be manufactured by same manufacturer or manufacturing group.)

Applicable Standards

- Manufacturing Standards : (ISO 2531 : 2009/BSEN 545: 2010)
- Of pipes & Fittings
- Manufacturing Standards of Joint Rings : (BSEN 681-1/ISO)
- Quality Assurance Standards : (ISO 9001: 2008)

Parameters to be checked

- Markings to casted on, painted or cold stamped
- Mechanical Properties, Hardness, Elongation,
- Hydrostatic Pressure Tests of pipes & fittings ready for supply
- Wall Thickness
- Length of straight pipes
- Straightness
- External Coating
- Internal Coating
- Testing of Welded Flanges
- Chemical Composition of Pipes & Fittings (Composition of metals).
- Condition of Pipes & Fittings

- Warping or shrinkage
- Surface or other defects detrimental to functionality : Satisfactory/Unsatisfactory
- Handling of pipes, Fittings after production : Satisfactory/Unsatisfactory

Inspection Procedure

- Witness testing a sample with Factory QC Team : Yes/No
- Witness testing with Independent Inspection Agency : Yes/No

PRE-SHIPMENT INSPECTION OF DI PIPES & FITTINGS**CHECK LIST**

Mark Yes or No in the Remarks Column as Appropriate

Date of Inspection

Technical Specifications Clause No.	Description	Values as per Specifications	Satisfactory/Unsatisfactory	Remarks
GENERAL				
Quality Assurance	Availability of Valid Quality Standard Certificates	ISO 9001:2008		
Independent Inspection	Availability of Inspection Agency. Certificate before Shipment	-		
Markings	Pipe Material (Ductile Iron)	-		
	Year of Manufacture (Last Two Digits)	-		
	Manufacturers Identification Mark/Name	-		
	Nominal Diameter in mm	-		
	Class Designation	-		
	Quality Standard & Product Conformity certificate	-		
	Client Identification	-		
	Socket Penetration Lines (2 Lines)	-		
	In case of Fittings, these marks shall appear on the body of each fitting together with its main characteristics such as angle of bend, pressure rating of flange etc.	-		
Material Characteristics				
	Mechanical Properties			
	Minimum Tensile Strength	420 N/mm ²		
	Minimum Bending Strength	Table 8 BSEN 598:2007+A1:2009		
	Modulus of Elasticity	14- 18 N/mm ²		
	Brinell hardness for pipes	230HB		
	Brinell hardness for fittings	250 HB		

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

(3 of 13)

Test Hydrostatic Test												
Bill No:				Item No. & Qty.				Sample size:				
Description of Item : DI Pipes (SS/DF)				Class :				Dia x Length :				
Tech Spec Clause No:				Reference Standard : BSEN598:2010 - Clause 6.5 & Table 11 ISO 7186:2011- Clause 6.5 & Table 10								
Sample No	Item of Testing	Pressure Class ("C" class)	Test Condition						Deviation	Tolerance Allowed	Comply?	Remarks
			Flexible joints		Push-fit joints		Flanges & flanged joints					
			+ve int. pressure	-ve int. pressure	+ve ext. Pressure	Dynamic int. pressure	Flanged joints	Screwed & welded flanges				
1												
2												
3												
4												
5												
6												
7												
8												
9												
Inspection & Testing Witnessed by												
Name : 1.						Name : 2.						
Signature: 1.						Signature: 2.						
Date :												

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test Length of Straight Pipes and Fittings							
Bill No:		Item No. & Qty.			Sample size:		
Description of Item : DI Pipes (SS/DF) , Fittings		Class :			Dia x Length :		
Tech Spec Clause No:		Reference Standard : BSEN 598:2009 – Clause 4.2.3 & Table 2 ISO 7186 :2011 - Clause 4.3.3& Tables 1&2,3,4					
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks
		Standard	Measured				
1							
2							
3							
4							
5							
6							
7							
8							
9							
Inspection & Testing Witnessed by							
Name : 1.			Name : 2.				
Signature: 1.			Signature: 2.				
Date :							

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test Straightness							
Bill No:		Item No. & Qty.			Sample size:		
Description of Item : DI Pipes (SS/DF)		Class :			Dia x Length :		
Tech Spec Clause No:		Reference Standard : BSEN598:2009 – Clause 4.2.4 ISO 7186 :2011 -Clause 4.3.4					
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks
		Standard	Measured				
1							
2							
3							
4							
5							
6							
7							
8							
9							
Inspection & Testing Witnessed by							
Name : 1.				Name : 2.			
Signature: 1.				Signature: 2.			
Date :							

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test							
Internal & External Diameter of Pipes & Fittings							
Bill No:		Item No. & Qty.			Sample size:		
Description of Item : DI Pipes (SS/DF) , Fittings		Class :			Dia x Length :		
Tech Spec Clause No: ISO 7186 :2011 - Clause 4.3.1		Reference Standard : BSEN598:2009 – Clause 4.2.2					
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks
		Standard	Measured				
1							
2							
3							
4							
5							
6							
7							
8							
9							
Inspection & Testing Witnessed by							
Name : 1.				Name : 2.			
Signature: 1.				Signature: 2.			
Date :							

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test Wall Thickness of Pipes & Fittings							
Bill No:		Item No. & Qty.			Sample size:		
Description of Item : DI Pipes (SS/DF), Fittings		Class :			Dia x Length :		
Tech Spec Clause No:		Reference Standard : BSEN598:2009 – Clause 4.2.1 ISO 7186 :2011 - Clause 4.3.2					
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks
		Standard	Measured				
1							
2							
3							
4							
5							
6							
7							
8							
9							
Inspection & Testing Witnessed by							
Name : 1.				Name : 2.			
Signature: 1.				Signature: 2.			
Date :							

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test							Internal Coating (Strength & Thickness)						
Bill No:			Item No. & Qty.				Sample size:						
Description of Item : DI Pipes (SS/DF) , Fittings			Class :				Dia x Length :						
Tech Spec Clause No:			Reference Standard : BSEN598:2009 – Clause 4.4.3, 4.4.4& 4.5				ISO 7186 :2011 - Clause 4.6.3						
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks						
		Standard	Measured										
1													
2													
3													
4													
5													
6													
7													
8													
9													
Inspection & Testing Witnessed by													
Name : 1.				Name : 2.									
Signature: 1.				Signature: 2.									
Date :													

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS - CHECK LIST

Test		External Coating (Thickness of Zinc Mass & Paint coating)					
Bill No:		Item No. & Qty.			Sample size:		
Description of Item : DI Pipes (SS/DF), & Coating for fittings and Accessories		Class :			Dia x Length :		
Tech Spec Clause No: ISO 7186 :2011 - clause 4.5& 4.6 & 4.9		Reference Standard : BSEN598:2009- clause 4.4& 4.5 & 4.6					
Sample No	Item of testing	Physical/Measured Value		Deviation	Tolerance Allowed	Comply? (Yes or No?)	Remarks
		Standard	Measured				
1							
2							
3							
4							
5							
6							
7							
8							
9							
Inspection & Testing Witnessed by							
Name : 1.				Name : 2.			
Signature: 1.				Signature: 2.			
Date :							

PRE –SHIPMENT INSPECTION OF DI PIPES & FITTINGS -CHECK LIST

Test				
Chemical Composition				
Bill No:		Item No. & Qty. :		Sample size:
Description of Item :		Class :	Dia x Length :	
Tech Spec Clause No:		Reference Standard : BSEN598:2009 & ISO 7186 :2011		
Sample No	Item of testing	Name of the Metal	Available %	Remarks
1		Fe		
		C		
		Zn		
		Cr		
			
			
			
Microscopic Inspection of DI sample : % of DI				
Inspection & Testing Witnessed by				
Name : 1.		Name : 2.		
Signature: 1.		Signature: 2.		
Date :				

INSPECTION OF DI PIPES & FITTINGS

CHECK LIST

Technical Specifications Clause No.	Description	Requirements as per Specifications	Satisfactory/Unsatisfactory	Remarks
HANDLING OF PIPES AND FITTINGS AFTER PRODUCTION				
	Packing			
	Handling			
	Stacking			
	Inspection by Factory/Inspection Authority			
	Transport Arrangements within manufacturers Country			
	Shipping Arrangements			
	Freight Insurance Arrangements			
CONCLUSION AT THE END OF THE INSPECTION TOUR				
Total Process of Production, Testing, Packing, Handling, Insurance and Freight arrangements Satisfactory				

Observations :

Signature 1

Signature 2

Name & Designation 1:

Name & Designation 2:

Rubber rings / Gaskets

Physical Parameter

1. Dimensions :.....
2. Diameter :.....
3. Hardness :.....
4. Appearance :.....
5. Lot Numbers :.....

Quality

1. Product Conformity certificate
2. ISO 9001:2015 certificate

Packing Arrangements

1. Inspection by Independent Inspection Agency :.....
2. Shipping Arrangements :.....

Sample No	Diameter	Thickness mm	Hardness	Appearance	Deviation	Tolerance allowable	Whether Comply	Remarks

Product conformity certificate available acceptable :
(witness the original certificate)

ISO 9001:2015 Quality Management System certificate available and acceptable:

(witness the original certificate)

APPENDIX 10 - MANUFACTURER’S WARRANTY FOR THE GOODS SUPPLIED UNDER THE CONTRACT

[Address of the Manufacturer]

.....
.....

Chairman,
National Water Supply and Drainage Board,
Galle Road, Ratmalana, Sri Lanka.

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.....

We,[*name of manufacturer*] of
.....
.....[*address of manufacturer*] warrant that the goods supplied under this contract are new, unused, of the most recent or current models and have incorporated all recent improvements, and no defects arising out of the design, material or workmanship from any act that may be develop under normal use of the supplied goods.

If there is any defects during the warranty period specified in the Clause 15 of the General Conditions of Contract, we shall attend to repair or replace the defective goods with all reasonable speed without any cost to the Purchaser.

.....
Authorised Officer of the Manufacturer.

.....
Seal of the Company.

Name :

APPENDIX 11 – 1
SPECIMEN FORM OF TEST CERTIFICATE FOR PIPES AND FITTINGS

Customer:

Date:

Manufacturer:

Cert. No. :

Material to be tested : Pipes and fittings

Customer Order No. :

Identification of the Sample tested:

This is to certify that the inspection and testing of the above mentioned materials were duly made by us and in accordance with the specifications and the result was found satisfactory.

[The followings, which shall be the test results/compliance, shall be included in the test certificate]

- 1 Specification/Standard of conformity:
- 2 Appearance and shape :
 - i. Surface finish
 - ii. Check out roundness (ovality)
- 3 Physical properties
 - i. Tensile strength :
 - ii. Elongation :
 - iii. Hardness :
 - iv. Microstructure :
- 4 Metallurgical Analysis:
- 5 Dimensions :
 - i. Wall thickness
 - ii. Socket dimensions (drawing / sketch)
 - iii. Plain end chamfer details
- 6 Coating and Lining
Details of standards, composition and thickness of
 - i. External zinc coating :
 - ii. External bitumen coating :
 - iii. Cement mortar lining :
- 7 Pressure (Hydrostatic) tests:

APPENDIX 11 – 2

SPECIMEN FORM OF TEST CERTIFICATE FOR VALVES

Customer:

Date:

Manufacturer:

Cert. No. :

Material to be tested : Valves and Hydrants

Customer Order No. :

Identification of the Sample tested:

This is to certify that the inspection and testing of the above mentioned materials were duly made by us and in accordance with the specifications and the result was found satisfactory.

[The followings, which shall be the test results/compliance, shall be included in the test certificate]

1 Specification/Standard of conformity:

2 Appearance and finish :

- i. Casting
- ii. Surface finish

3 Coating & Lining

Details of standards, composition & thickness

- i. Internal coating :
- ii. External coating :

4 Test Pressures :

- i. Body test pressure & result:
- ii. Seat test pressure & result:

(The medium used in the test shall be included.)

APPENDIX 11 – 3

SPECIMEN FORM OF TEST CERTIFICATE FOR JOINT RINGS AND GASKETS

Customer:

Date:

Manufacturer:

Cert. No. :

Material to be tested : Joint Rings and Gaskets

Customer Order No. :

Identification of the Sample tested:

This is to certify that the inspection and testing of the above mentioned materials were duly made by us and in accordance with the specifications and the result was found satisfactory.

[The followings, which shall be the test results/compliance, shall be included in the test certificate]

- 1 Specification/Standard of conformity:
- 2 Appearance and finish :
- 3 Mechanical Properties
 - i. Tensile Strength & result :
 - ii. Elongation at break & result:
 - iii. Compression set & result
 - iv. Hardness & result:
- 4 Test for microbiological deterioration :

Recommendation.....
.....
.....

Authorized Signature of Testing Agency

Name and Address of Testing Agency

Fax:

e-mail:

APPENDIX 11 – 4

SPECIMEN FORM OF TEST CERTIFICATE FOR NUTS AND BOLTS

Customer:

Date:

Manufacturer:

Cert. No. :

Material to be tested : Nuts and Bolts

Customer Order No. :

Identification of the Sample tested:

This is to certify that the inspection and testing of the above mentioned materials were duly made by us and in accordance with the specifications and the result was found satisfactory.

[The followings, which shall be the test results/compliance, shall be included in the test certificate]

1. Specification/Standard of conformity:

2. Mechanical properties of bolts

- i. Tensile strength & result:
- i. Yield stress or stress at permanent set limit of 0.2% :
- ii. Percentage elongation after fracture:
- iii. Stress under proof load :
- iv. Strength under wedge loading :
- v. Hardness & result :

3. Galvanizing

- i. The standard which it conforms:
- ii. Thickness of galvanized coating :

Recommendation.....
.....
.....

Authorized Signature of Testing Agency

Name and Address of Testing Agency

Fax:

e-mail:

APPENDIX 11 – 5

SPECIMEN FORM OF TEST CERTIFICATE FOR MANHOLE COVERS

Customer:

Date:

Manufacturer:

Cert. No. :

Material to be tested : Manhole covers

Customer Order No. :

Identification of the Sample tested:

This is to certify that the inspection and testing of the above mentioned materials were duly made by us and in accordance with the specifications and the result was found satisfactory.

[The followings, which shall be the test results/compliance, shall be included in the test certificate]

1.Specification/Standard of conformity:

2.Outer Dimensions of cover

Length :

Width :

Height of outer rim :

3.Coating :

4.Load test results:

Recommendation.....
.....
.....

Authorized Signature of Testing Agency

Name and Address of Testing Agency

Fax:

e-mail:

APPENDIX 11 – 6

SPECIMEN FORM OF TEST CERTIFICATE FOR
LEAK TIGHTNESS TEST PERFORMANCE

Pipe dia.	Fitting type	Test period	Successful / unsuccessful

Recommendation

.....

.....

Authorized Signature of Testing Agency

Name and Address of Testing Agency

.....

Fax:

e-mail:

APPENDIX 12 - CONFIRMATION OF SUPPLYING GOODS MANUFACTURED AT THE FACTORY QUOTED

[This form shall be filled on the letter head of the pipe manufacturer's company]

Date :.....

Chairman, Procurement committee,
National Water Supply and Drainage Board,
Galle Road, Ratmalana, Sri Lanka.

Supply & Delivery of DI Pipes, Fittings, Specials & Accessories, DI Valves, Manhole Covers and Surface Boxes For Sewerage Works Sewerage Scheme Contract No.:

We(Name & Address of the DI pipe manufacturer) hereby guarantee that,

1. The Supply of Pipes for the above contract shall be manufactured at the manufacturing factory at(Address of the manufacturing factory).
2. The Supply of Pipe Fittings for the above contract shall be manufactured at the manufacturing factory at(Address of the manufacturing factory).
3. The Supply of Rubber Rings for the above contract shall be manufactured at the manufacturing factory at(Address of the manufacturing factory).
4. The Supply of Couplings for the above contract shall be manufactured at the manufacturing factory at(Address of the manufacturing factory).
5. The Supply of Restraint Joints shall be manufactured at the manufacturing factory at(Address of the manufacturing factory).

.....
Signature of the
Chief Executive Officer/
General Manager of the manufacturer

.....
Seal of the Company

Name :
Address :
.....

The above signed declare that the statement made above is true and correct in every detail.

.....
Signature of the Attorney at Law

.....
Seal of the Attorney

Name :
Address :

APPENDIX 13 – AFFIDAVIT BY THE BIDDEER

I of being a (Buddhist or any other religionist), do hereby solemnly sincerely and truly declare and affirm as follows.

- 01. I am the Affirmant above named.

- 02. I hereby declare that I have applied for the contract of National Water Supply and Drainage Board bearing No: and my spouse or dependent does not work in National Water Supply and Drainage Board on permanent, casual or contract basis.

The foregoing affidavit having been read over and explained to the affirmant above named who having understood its nature content and context affirmed hereto and set his usual signature hereto in on this day of 20.....

Before me

.....
Declarant

.....
Justice of the Peace /
Commissioner for oaths

**APPENDIX 14 – PRE-QUALIFICATION OF MANUFACTURERS FOR
SUPPLY & DELIVERY OF DI PIPES, FITTINGS, DI/CI
VALVES, DI MANHOLE COVERS AND PVC PIPES AND
FITTINGS**

Note:

Pre-Qualified pipe manufacturer has been pre-qualified together with pipe fitting manufacturer and rubber ring manufacturer. Therefore, when selecting a pre-qualified pipe manufacturer, his relevant pipe fitting manufacturer and rubber ring manufacturer shall be selected.

***When Bidding Document is prepared
please include updated list of
prequalified manufactures list from
NWSDB web site under this Appendix***

APPENDIX 15 - ENTITLED ALLOWANCES ON FOREIGN TRAVELS & RELATED EXPENSES

Category of Countries						
Category No.	Countries					Combined & Incidental Allowance
1 st category	Afganistan Albania Algeria Azerbaijan Bahamas Balarus Barbados Belize Bhutan Bolivia Bosnia Botswana	Burundi Cambodia Canary Island Capevrde Cooks Island Domenica El Salvador Ethiyopiya Equatorial Gabon Gambia Gibraltar	Guam Kiribati Lao Peoples Dem.Rep. Lesothe Liechtenstein Nacedonia Rep. Malawi Malta Mauritania Mongolia Montenegro Myanmar	Nambia Nauru Netherlands Anti Nicaragua Palau Paraguay Samoa Sao Tome & Prince Serbia Sierra Leon Soloman Island Somalia	Tanzania Swaziland Tajikistan Tunisia Uganda Uzbekistan	US\$ 140 + US\$ 40
2 nd category	Antigue Barbuda Armenia Argentina Bulgaria Bangaldesh Brunei Cameroon Coted Ivoria Costa Rica	Ecuador Fiji French Guiana Guyana Grenada Gerogia Guatemala Greenland	Guinea Bissaw Hawai Haiti Honduras Ireland Iraq Jamaica Korea Dem.Rep.	Liberia Mexico Micronesia Fed. Monaco Mozambique Papua new Guinea Suriname Yeman Rep.	Yogoslavia Tahiti Tonga Vanuatu	US\$ 182 + US\$ 40
3 rd category	Baharain Chile Cyprus Egypt Arab Rep. Estonia Guinea Hungary Indinesia Iran Islamic Rep. Kenya	Kuwait Lithuania Madagascar Mauritius Malayasia Maldives Morocco Macedonia Rep Nepal Oman	Pakistan Panama Peru Pholippines Poland Quarter Romania Ruwada Saudi Arabia Solvenia	Sriyan Arab Rep. South Africa St.Lucia Sudan Thailand Togo Trinidad & Tobago Uruguay Ukrain Venezuela	Vietnam Zaire Zambia Zimbabwe	US\$ 231 + US\$ 40
4 th category	Belgium Benin Burkina Faso Comoros Central African Rep. Colombia Congo	Croatia Cuba Czech Republic Dem.Rep.of Congo Djibouti Greece Iceland	India Ivory Coast Jordan Kazakhstan Latvia Lebanon Luxemburg	Mali New Caledonia Nigeria Portugal Slovak Rep. Spain Taiwan	Turkey United Arab Emirates	US\$ 280 + US\$ 40
5 th category	Angola Australia Austria Brazil Canada Chad	China (Beijin) Denmark France Germany Finland Hongkong	Israel Italy Japan Libiya Netherland New Zealand	Niger Norway Russia Senagal Swedan Seychelles	Singapore South Korea Switzerland United Kingdom USA	US\$ 371 + US\$ 40