

REVISED ON 21-03-2024

**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**

**.....
WATER SUPPLY SCHEME**

CONTRACT No.:

REVISED ON 21-03-2024

**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/LC/Ver5
- 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) RECEIPT/BANK DRAFT NUMBER:
- 5. NUMBER OF COPIES ISSUED :
- 6. NUMBER OF CANCELLED COPIES ISSUED :
- 7. CANCELLED COPY FEE : Rs. RECEIVED/NOT RECEIVED
- 8. SUPPLIER’S BUSINESS REGISTRATION NUMBER :
(IN CASH/BANK DRAFT)
- 9. a) ISSUING OFFICER :
- b) DESIGNATION :
- c) SIGNATURE :
- 10. PLACE OF ISSUE :
- 11. SEAL :
- 12. DATE : TIME :

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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 *
		Page No.	Clause No.	
(a)	Documentary evidence to establish eligibility of Bidding.	Page No. 1 – 3, 1- 4	Clause No. 2.1,2.2.	
(b)	Certified copy of business registration.	Page No. 1 - 3	Clause No. 2.1	
(c)	Documentary evidence to establish qualifications for the performance of the Contract.	Page No. 1 - 4	Clause No. 2.2	
(d)	Documentary evidence to establish that goods offered are from an eligible source and origin.	Page No. 1 - 4	Clause No. 2.2(b), 3	
(e)	The Bidder's technical and production capability necessary to perform the Contract.	Page No. 1 - 3	Clause No. 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 - 6, 1 - 8	Clause No. 6.1, 10.1 (a)	
(g)	Subsequent Addendum/Addenda. (if any)	Page No. 1 - 8	Clause No. 10.1(b)	
(h)	Bid Security.	Page No. 1 - 11	Clause No. 13	
(i)	Product Conformity Certificates.	Page No. 1 - 8	Clause No. 10.1	
(j)	Quality Management System Certificates for items offered/Bidder.	Page No. 1 - 8	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 - 4	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 - 4	Clause No. 2.2 (b)	
(m)	Proof of Authorisation.	Page No. 1 - 8	Clause No.10.1(g)	
(n)	Certified copy of the VAT registration certificate.	Page No. 1 - 9	Clause No. 11.4	
(o)	Copies of relevant standard used for pipes, specials & fittings.	Page No. 7 - 25	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. 1-20	Clause No. 36	
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 & SURFACE BOXES**

..... **WATER SUPPLY SCHEME**

CONTRACT No.:

-
1. The Chairman, Department Procurement Committee, National Water Supply and Drainage Board (NWSDB), Galle Road, Ratmalana, Sri Lanka, on behalf of the National Water Supply & Drainage Board now invites sealed bids for the Supply of DI Pipes, Fittings, Specials and Accessories and DI valves, manhole covers and Surface Boxes for Water Supply 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 Rs.plus 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 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.
 7. Sealed bids may be either dispatched by registered post or hand delivered to the office of Assistant General Manager (Tenders and Contracts), NWSDB, Galle Road, Ratmalana, 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 Assistant General Manager (Tenders and Contracts), NWSDB, Galle Road, Ratmalana, Sri Lanka. Bidders or their authorized 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 & 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 & SURFACE BOXES

..... WATER SUPPLY SCHEME

CONTRACT No.:

1. The Chairman, Project Procurement Committee, (*Insert Name of the Project*) of the National Water Supply and Drainage Board (NWSDB).....
..... (*Insert Relevant Project Office Address*) now invites sealed bids for supply of DI Pipes, Fittings, Specials, Accessories and DI Valves, Manhole Covers and Surface Boxes for Water Supply Scheme up to closing of Bids at hours on
2. Bidding Documents are available at the office of the
..... (*Insert Relevant Project Office Address*) between 09:00 hours to 15:00 hours on normal working days up to, upon payment of a non refundable fee of Rs. plus applicable VAT and additional amount of Rs. if the Bidding document is to be dispatched by courier.
3. Bidding Documents may be inspected free of charge at the office of the
..... (*Insert Relevant Project Office Address*).
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 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.
7. Sealed bids may be either dispatched by registered post or hand delivered to the office of
..... (*Insert Relevant Project Office Address*) 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 up to..... (*Specify the Date*).
9. Bids will be opened immediately after the closing of Bids, at the office of the
..... (*Insert Relevant Project Office Address*) Bidders or their authorized representatives may be present at the opening of bids.
10. For further details, please contact the..... (*Insert Relevant Project Office Address*) on telephone number or facsimile number

Project Director

National Water Supply & Drainage Board

.....

..... (*Insert Relevant Project Office Address*)

MINISTRY OF

NATIONAL WATER SUPPLY AND DRAINAGE BOARD

INVITATION FOR BIDS

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

..... WATER SUPPLY SCHEME

CONTRACT No.:

1. The Chairman, Regional Procurement Committee, (*Insert Name of the RSC*) of the National Water Supply and Drainage Board (NWSDB),.....
.....(*Insert Relevant RSC Address*) now invites sealed bids for supply of DI Pipes, Fittings, Specials, Accessories and DI Valves, Manhole Covers and Surface Boxes for Water Supply Scheme up to closing of Bids at hours on
2. Bidding Documents are available at the office of the
.....(*Insert Relevant RSC Address*) between 09:00 hours to 15:00 hours on normal working days up to, upon payment of a non refundable fee of Rs. plus applicable VAT and additional amount of Rs. if the Bidding document is to be dispatched by courier.
3. Bidding Documents may be inspected free of charge at the office of the
.....(*Insert Relevant RSC Address*).
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 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.
7. Sealed bids may be either dispatched by registered post or hand delivered to the office of
.....(*Insert Relevant RSC Address*) 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 up to..... (*Specify the Date*).
9. Bids will be opened immediately after the closing of Bids, at the office of the
..... Bidders or their authorized representatives may be present at the opening of bids.
10. For further details, please contact the.....
.....(*Insert Relevant RSC Address*) on telephone number
.....or facsimile number

DGM

National Water Supply & Drainage Board

.....
..... (*Insert Relevant RSC Address*)

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 WATER SUPPLY SCHEME

CONTRACT No.:

FORM OF BID

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

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 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 : 2015 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 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

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 WATER SUPPLY SCHEME

CONTRACT No.:

FORM OF BID

The Chairman,
Project Procurement Committee,

.....
.....

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 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: 2015 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 :

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 WATER SUPPLY SCHEME

CONTRACT No.:

FORM OF BID

The Chairman,
Regional Procurement Committee,

.....
.....,

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 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 9001:2015/BSEN ISO 9001:2015 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 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.

(Note: What is typed in italic letters are guide lines to prepare the Bidding Data and they shall be removed after preparation of the Bidding Data.)

BIDDING DATA

(Please note that the clause numbers given here under are that of Instruction to Bidder)

Clause Reference Number

Instructions to Bidders

(1) The supplier 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 tomm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

(ii) 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 80% 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-13 for relevant goods mentioned in Bills of Quantities in this document.

b) If there is no pre-qualified manufacturers list in Appendix-13 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 and clarification of Bidding Document is

Assistant General Manager (Tenders Contracts),
National Water Supply and Drainage Board,
Galle Road, Ratmalana.

Fax 011-2635885

Telephone 0112605328

(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.

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

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.

(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.

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

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

(34.1) Advance payment shall be limited to 20% of the Contract Price.

BIDDING DATA

(Please note that the clause numbers given here under are that of Instruction to Bidder)

Clause Reference Number

Instructions to Bidders

(1) The supplier 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 tomm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

(ii) 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 80% 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-13 for relevant goods mentioned in Bills of Quantities in this document.

b) If there is no pre-qualified manufacturers list in Appendix-13 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 and clarification of Bidding Document is

The Chairman, Project Procurement Committee,

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

[Insert the relevant Project Office address]

Fax

Telephone

(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, Project Procurement Committee,

.....

.....

.....

[Insert the relevant Project Office address]

(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, Project Procurement Committee,

.....

.....

.....

.....

[Insert the relevant Project Office address]

The deadline for submission of Bid

Date:.....

Time:

(21.1) The place for opening of Bids,

.....

National Water Supply & Drainage Board,

.....

.....

.....

[Insert the relevant Project Office address]

(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.

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

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

(34.1) Advance payment shall be limited to 20% of the Contract Price.

BIDDING DATA

(Please note that the clause numbers given here under are that of Instruction to Bidder)

Clause Reference Number

Instructions to Bidders

(1) The supplier 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 tomm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

(ii) 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 80% 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-13 for relevant goods mentioned in Bills of Quantities in this document.

b) If there is no pre-qualified manufacturers list in Appendix-13 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 and clarification of Bidding Document is

The Chairman, Regional Procurement Committee,

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

[Insert the relevant RSC address]

Fax Telephone

(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, Regional Procurement Committee,

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

[Insert the relevant RSC address]

(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, Regional Procurement Committee,

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

[Insert the relevant RSC address]

The deadline for submission of Bid

Date:..... Time:

(21.1) The place for opening of Bids,

.....
National Water Supply & Drainage Board,

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

[Insert the relevant RSC address]

(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.

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

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

(34.1) Advance payment shall be limited to 20% 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.

(Note: What is typed in italic letters are guide lines to prepare the Bidding Data and they shall be removed after preparation of the Bidding Data.)

Contract Data

Contract Data is a part of condition of contract and shall be read together. If any discrepancy is founds 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)

General

**Clause Reference Number
General Conditions of Contract**

- 1.1 (f) Contract Period from the date of acceptance of bid is..... days.
- 3.2 The Engineer's Representative shall be the PD/DGM of relevant RSC.....of the National Water Supply and Drainage Board.
- 9.4 Contractor shall not produce or sell any item under the name of National Water Supply & Drainage Board to a third party.
- 10.1 The Goods shall be delivered at such places, in such quantities and within such periods as prescribed in the attached Delivery Schedule.
- 15.2 The validity of warranty shall be in accordance with general conditions of contract.
- 16.1 The maximum amount of Advance Payment shall be twenty percent (20%) of the Contract Price.

Advance payment Guarantee shall be obtained at the contractor’s cost.
- 24.1 The amount of Liquidated Damages shall be Rs. per shipment per day of delay. Limit of Liquidated Damages shall not exceed 10% of Contract Price.
- 32.1 Purchaser’s address for notice purposes shall be as follows:
 - (a) General Manager/ DGM (.....)/ PD (.....)
National Water Supply and Drainage Board,
.....
.....*[Insert Relevant Address]*

Facsimile Number: Colombo, 011-2635885
e – Mail : gmnwsdb@sltnet.lk

Supplier’s address for notice purposes shall be as follows:
.....
.....
.....
.....

DELIVERY SCHEDULE

Item	Description of Goods	Quantity	Final Destination as specified in Bidding Data	Delivery Date
			<i>[insert place of Delivery]</i>	Bidder's offered Delivery date [to be filled by the bidder]
01	Bill No.1			
02	Bill No. 2			

PAYMENT SCHEDULE

STAGE OF PAYMENT		STAGE OF CONTRACT	DOCUMENT TO BE SUBMITTED	AMOUNT OF PAYMENT	REMARKS
01	Mobilisation Advance Payment	After signing of Contract Agreement	<ul style="list-style-type: none"> ◆ A written request for payment in the form of tax invoice. ◆ A bank guarantee for the equivalent amount. ◆ A performance bond. 	20% of the contract price.	Advance payment shall be made within <u>30 days</u> of signing the Contract upon submission of required documents.
02	Subsequent Payments	Partial delivery to site	<p>(a) Supplier's invoice based on the BOQ and showing description of goods delivered quantity, units, amount and total amount.</p> <p>(b) Engineer's representative's approval for the payment.</p>	50% of the BOQ value of Goods supplied. Less previous payments including any advance payment made.	Subsequent payments shall not be made unless and until the contract value of Goods delivered becomes more than or equal to 30% of the Contract Price.
		Full delivery to site	(a) and (b) as above.	90% of the Contract Price less previous payments including any advance payment made.	
03	Final Payment	Final Acceptance by the Engineer for the delivery and other obligations	<ul style="list-style-type: none"> ◆ A written request for final (balance) payment in the form of tax invoice based on the BOQ. ◆ Engineer's representative's approval for the payment. ◆ copy of Final Acceptance Certificate issued by the Engineer. 	Total Contract Sum less previous payments including any advance payment made.	The total Contract Sum shall become payable within <u>30 days</u> from the date of the Engineers Final Acceptance Certificate.

6. SPECIFICATION

- Specification for DI pipes and Fittings for water Supply Applications 6h-1 6h-15
- Specification for valves, Hydrants, Surface Boxes and Manhole covers for water Supply Applications 6m-1 6m-27
- Specifications for Couplings, Flags Adaptors couplings & Flags Adapters for PE and PVC connections. 6n-1 6n-44
- Specification for Mastic Materials 6bj-1 6bj-3

*Add relevant Specifications from NWSDB web
(Under the “Restrict Links”)
as per the
requirement of the work.*

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
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• Specimen form of test certificate for Pipes and Fittings	7 - 22
• Specimen form of test certificate for Valves and Hydrants	7 - 23
• Specimen form of test certificate for Joint Rings and Gaskets	7 - 24
• Specimen form of test certificate for Nuts and Bolts	7 - 25
• Specimen form of test certificate for Manhole covers	7 - 26

SCHEDULE OF PARTICULARS

1 DI PIPES AND FITTINGS

- 1.1 Country of manufacture: (i) Pipes:
(ii) Fittings:
- 1.2 Manufacturers' name and Address: (i) Pipes:
(ii) Fittings:
- 1.3 Standards to which pipes and fittings conform: (i) Pipes:
(ii) Fittings:
- 1.4 Is Certificate for conformity to standards from relevant standards Institution provided
- 1.5 to the factory/factories : (i) Pipes:
(ii) Fittings:
- 1.6 Is ISO 9001:2015 Quality Management System Certificate provided to the factory/factories :
- 1.7 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 Gasket, 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:

1.28

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 : 2015 Quality 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 Standard to which gaskets conform :
- 4.8.2 Is certificate for conformity to Standards from relevant Standard Institution provided to gaskets.
- 4.8.3 Is ISO 900 : 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:
- 5.18. Time of delivery of valves at port of shipment:.....
- 5.19. Name and Address of supplier's agent (if any) in Sri Lanka:
-
- 5.20. 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 FLOW CONTROL 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 flow :.....
- 9.10 Constant flow:.....
- 9.11 Internal protective finish:.....
- 9.12 External protective finish:.....
- 9.13 Weight of the valve: kg
- 9.14 Packing and Protection of valves in transit:.....
- 9.15 Reference of the catalogues, technical literature and drawings provided with the Bid:
- 9.16 Port of shipment:.....
- 9.17 Time of delivery of valves at port of shipment:.....
- 9.18 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 9.19 Deviations from specifications (if any):.....

10 ALTITUDE 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 Material
 - Main valve:.....
 - Body:.....
 - Internal valve:.....
 - Indicator rod:.....
- Relay Valve
 - Body:.....
 - Spindle:.....
 - Diaphragm:.....
 - Spring:.....

- 10.7 Length between flanges (mm):.....
- 10.8 End Flanges
 - Pressure rating:.....
 - Dimensions (mm):.....
 - Bolt circle dia (mm):.....
 - Standard :.....
- 10.9 Minimum head required at valve inlet:.....
- 10.10 Internal protective finish:.....
- 10.11 External protective finish:.....
- 10.12 Weight of the valve: kg
- 10.13 Packing and Protection of valves in transit:.....
- 10.14 Reference of the catalogues, technical literature and drawings provided with the Bid:
 -
- 10.15 Port of shipment:.....
- 10.16 Time of delivery of valves at port of shipment:.....
- 10.17 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 10.18 Deviations from specifications (if any):.....

11 BALL FLOAT 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 Body test pressure:.....

11.7 End Flanges

Pressure rating:.....

Dimensions (mm):.....

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

Standard:.....

11.8 Material

Valve Body:.....

Float:.....

Lever and links:.....

11.9 Body test pressure: bars

11.10. Close assembly test pressure bars

11.11 Weight of the valve: kg

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

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

.....

11.14 Port of shipment:.....

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

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

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

12. FLAP VALVES

- 12.1 Country of Manufacture :.....
- 12.2 Manufacturer's name and Address:.....
- 12.3 Date of Manufacture:.....
- 12.4 Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories
.....
- 12.5 Is product conformity certificate from relevant Standard Institution provided to the
factory/ factories.....
- 12.6 Material
- Frame and door:.....
- Sealing:.....
- Hinge pin:.....
- Links:.....
- 12.7 Flanges
- Pressure rating:.....
- Dimensions (mm):.....
- Bolt circle dia (mm):.....
- Standard :.....
- 12.8 Weight of the valve: kg
- 12.9 Packing and Protection of valves in transit:.....
- 12.10 Reference of the catalogues, technical literature and drawings provided with the
Bid:.....
- 12.11 Port of shipment:.....
- 12.12 Time of delivery of valves at port of shipment:.....
- 12.13 Name and Address of supplier's agent (if any) in Sri Lanka:.....
- 12.14 Deviations from specifications (if any).....

13 FIRE HYDRANTS

13.1 Is this Pillar type or Underground type:

13.1.1 Screw down type

13.1.2 Country of Origin:.....

13.1.3 Manufacturer's name and Address:.....

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

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

13.1.6. Date of Manufacture:.....

13.1.7. Standard to which it conform:.....

13.1.8. Inlet Flanges

Pressure rating:.....

Dimensions (mm):.....

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

Standard:.....

Standard of facing and drilling:.....

13.1.9 The direction of closing of the hydrant valve:.....

13.1.10 Body test pressure:..... bars

13.1.11 Valve and seat test pressure : bars

13.1.12. Internal protective finish:.....

13.1.13. External protective finish:.....

13.1.14. Weight of the hydrant: kg

13.1.15. Packing and protection of hydrants in transit:.....

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

13.1.17. Time of delivery of hydrants at port of shipment:.....

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

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

13.2. Dry Barrel Type

13.2.1 Country of Manufacture :.....

13.2.2 Manufacturer's name and Address:.....

13.2.3 Date of Manufacture:.....

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

.....

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

13.2.6. Standard to which it conform:.....

13.2.7. Burried length of hydrant: m

13.2.8. Number of outlet nozzles nominal diameter and standard:

No. of outlet nozzles:.....

Nominal diameter (mm):.....

Standard:.....

13.2.9 Inlet Flange

Pressure rating:.....

Dimensions (mm):.....

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

Standard:.....

13.2.10. Material, Hardness range and standard

	Material	Hardness range	Standard
Gaskets:
Nuts and Bolts:

13.2.11 The direction of closing of the hydrant valve:.....

13.2.12 Colour of the finish paint above ground line:

13.2.13 Weight of the hydrant: kg

13.2.14 Packing and protection of hydrants in transit:

13.2.15 Reference of the catalogues, technical literature and drawings provided with the tender:

13.2.16 Port of shipment:

13.2.17. Time of delivery of hydrants at port of shipment:

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

13.2.19. Deviations from specifications (if any):

14 SURFACE BOXES AND MANHOLE COVERS

14.1 Country of Manufacture :.....

14.2 Manufacturer's name and Address :.....

14.3 Material :.....

14.4 Class, Make, Standard and Date of Manufacture

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

14.5 Coating :.....

14.6 Lifting arrangements:

Manhole Covers :.....

Surface Boxes :.....

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

14.8 Port of Shipment:.....

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

14.10 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 2531 : 2009 and EN 545 : 2010
<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 2531 : 2009 and EN 545:2010
Pressure rating of flanges	PN 16	EN 1092 – 1:2007
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.	EN 545 : 2010 BS 3416 : 1991
Internal lining of pipes and fittings	Cement mortar	EN 545 : 2010 ISO 4179 : 2005 ISO 6600 : 1980
The material for Joint Rings	EPDM	EN 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	EN 681-1 : 1996 EN 681-1 : 1996
The material for Gasket and Hardness Range	EPDM, 76-84 1RHD	EN 681-1 : 1996
The material for Nuts, Bolts and washers	High Tensile Steel	EN 14399 : Part 1 and 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	EN 545 : 2010 ISO 2531 : 2009
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	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 EN 5150 : 1990
Butterfly Valves	Shall comply with	EN 593 : 2004
Check valves	Shall comply with	EN 12334 : 2001
Fire Hydrants		
<ul style="list-style-type: none"> • Screwdown 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 : 2011
<ul style="list-style-type: none"> • Grade 	Heavy duty	
Manhole covers and frames		
<ul style="list-style-type: none"> • Material 	Ductile Iron	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** 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 the General Conditions of Contract, testing, packing, transportation, clearing, loading, unloading, stacking, shipping line charges, warehouse rent, customs duties, port charges, any demurrages, import duties, import license fees, cost of insurance from the manufacturer's plant to the purchaser's stores, Agents Commission if any and other minor expenses and charges to complete the supply of pipes, fittings, accessories, rubber rings and other materials in conformity to bidding document.
- d) Cost of accessories not specifically listed, but necessary for proper completion.
- e) All costs including all taxes and duties and other charges imposed outside Sri Lanka on raw materials, production, manufacturing, sales, transport and any other cost that may be incurred of all goods.
- f) Prices charged by the Supplier for the preceding incidental services shall be included in the contract price for the Goods.

- g) Any taxes as stated in the **Clause 33** of General Conditions of Contract.

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 an 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 and fittings only.
7. The bidder shall include in the unit price for DI pipes, fittings, specials, accessories and DI valves and the cost of all materials required for jointing of pipes, (Rubber rings, lubricant, bolts and nuts 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. 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 OF DI PIPES, FITTINGS, SPECIALS FOR

..... **WATER SUPPLY SCHEME**

CONTRACT No.

BILL No. 01 : Supply of Pipes, Fittings, Specials and Accessories

- Note:** (1) All spigot and socket pipes shall be of class C 40 for up to 300mm dia. Class C 30 for 350mm dia. to 600mm dia. (both inclusive) and C 25 for above 600mm dia.
- (2) All flange pipes, fittings & flanges shall be PN 16.
- (3) DI Pipes, Fitting, Specials & Accessories etc. shall be compliance with the specification.

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	<u>CLASS C ; SPIGOT & SOCKET PIPES</u>				
	Spigot and Socket Straight Pipes (excluding joint rings & lubricant)				
01	80 mm dia.		m		
02	100 mm dia.		m		
03	150 mm dia.		m		
04	200 mm dia.		m		
05	.....			
06	.....			
07	.....			
	EPDM Joint Rings for above spigot & socket pipes (Including 10% extra)				
08	80 mm dia.		nr.		
09	100 mm dia.		nr.		
10	150 mm dia.		nr.		
11	200 mm dia.		nr.		
12	.....			
13	.....			
14	.....			
15	Lubricants for above spigot & socket pipes (including 10% extra)		kg.		
	<u>CLASS C ; FLANGED PIPES & FITTINGS</u>				
	DI Double Flanged Straight Pipes (excluding gaskets, nuts & bolts)				
16	80 mm dia.		nr.		
17	100 mm dia.		nr.		
18	150 mm dia.		nr.		
19	200 mm dia.		nr.		
20	.....			
21	.....			
	Total of page no 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	Sets of Nuts and Bolts including two washers for each nut for above double flanged pipes of;				
22	80 mm dia.		Sets		
23	100 mm dia.		Sets		
24	150 mm dia.		Sets		
25	200 mm dia.		Sets		
26	.....			
27	.....			
	EPDM gaskets for above double flanged pipes				
28	80 mm dia.		nr.		
29	100 mm dia.		nr.		
30	150 mm dia.		nr.		
31	200 mm dia.		nr.		
32	.....		nr.		
33	.....			
	DI Flanged & Plain Ended Straight Pipes (excluding gasket, nuts & bolts)				
34	80 mm dia. (..... mm long)				
35	100 mm dia.(..... mm long)		nr.		
36	150 mm dia.(..... mm long)		nr.		
37	200 mm dia.(..... mm long)		nr.		
38	.....		nr.		
39	.....			
	Sets of Nuts and Bolts including two washers for each nut for above flanged and plain ended pipes				
40	80 mm dia.				
41	100 mm dia.		Sets		
42	150 mm dia.		Sets		
43	200 mm dia.		Sets		
44	.....		Sets		
45	.....			
	EPDM Gaskets for above flanged & plain ended pipes				
46	80 mm dia.				
47	100 mm dia.		nr.		
48	150 mm dia.		nr.		
49	200 mm dia.		nr.		
50	.....		nr.		
51	.....			
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	DI Double Socketed Bends (excluding joint rings & lubricant)				
52	80 mm dia. 90 deg.		nr.		
53	80 mm dia. 45 deg.		nr.		
54	80 mm dia. 22½ deg.		nr.		
55	80 mm dia. 11¼ deg.		nr.		
56	100 mm dia 90 deg.		nr.		
57	100 mm dia. 45 deg.		nr.		
58	100 mm dia. 22½ deg.		nr.		
59	100 mm dia. 11¼ deg.		nr.		
60	.....			
	EPDM Joint Rings for above double socketed bends (including 10% extra)				
61	80 mm dia. 90 deg.		nr.		
62	80 mm dia. 45 deg.		nr.		
63	80 mm dia. 22½ deg.		nr.		
64	80 mm dia. 11¼ deg.		nr.		
65	100 mm dia 90 deg.		nr.		
66	100 mm dia. 45 deg.		nr.		
67	100 mm dia. 22½ deg.		nr.		
68	100 mm dia. 11¼ deg.				
69	.....			
70	.....			
71	Lubricants for above DI double socketed Bends (including 10% extra)		kg.		
	DI Double Flanged Bends (excluding gaskets, nuts & bolts)				
72	80 mm dia. 90 deg.		nr.		
73	80 mm dia. 45 deg.		nr.		
74	80 mm dia. 22½ deg.		nr.		
75	80 mm dia. 11¼ deg.		nr.		
76	..... mm dia 90 deg.		nr.		
77	..... mm dia. 45 deg.		nr.		
78	..... mm dia. 22½ deg.		nr.		
79	..... mm dia. 11¼ deg.		nr.		
80	..... mm dia. deg.		nr.		
81	..... mm dia. ....deg.		nr.		
82	..... mm dia. ....deg.		nr.		
83	..... mm dia. deg.		nr.		
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	Sets of Nuts & Bolts, including two washers for each nut for above double flanged bends of				
84	80 mm dia.		Sets		
85	100 mm dia.		Sets		
86	150 mm dia.		Sets		
87	200 mm dia.		Sets		
88	.....			
89	.....			
90	.....			
	EPDM Gaskets for above bends				
91	80 mm dia.		nr.		
92	100 mm dia.		nr.		
93	150 mm dia.		nr.		
94	200 mm dia.		nr.		
95	.....		nr.		
96	.....		nr.		
97	.....			
	DI All Socketed Concentric Tapers complete with EPDM Joint Rings excluding lubricant				
98	200 - 80 mm dia.		nr.		
99	400 - 100 mm dia.		nr.		
100	.....		nr.		
101	.....			
102	.....			
103	.....			
104	Lubricant for above DI All socketed concentric tapers (including 10% extra)		kg		
	DI All Flanged Concentric Tapers complete with EPDM Gaskets, Nuts & Bolts				
105	200 - 80 mm dia.		nr.		
106	400 - 100 mm dia.		nr.		
107	.....		nr.		
108	.....		nr.		
109	.....			
110	.....			
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	DI All Flanged Level Invert Tapers complete with EPDM Gaskets, Nuts & Bolts				
111	200 - 80 mm dia.		nr.		
112	400 - 100 mm dia.		nr.		
113	.....		nr.		
114	.....		nr.		
115	.....		nr.		
116	.....			
	DI Bellmouth complete with EPDM Gaskets, Nuts & Bolts				
117	80 mm dia.		nr.		
118	100 mm dia.		nr.		
119	150 mm dia.		nr.		
120	200 mm dia.		nr.		
121	.....			
122	.....			
123	.....			
124	.....			
	DI All Socketed Duck Foot Bends complete with EPDM Joint Rings excluding lubricant				
125	80 mm dia.		nr.		
126	100 mm dia.		nr.		
127	150 mm dia.		nr.		
128	.....		nr.		
129	.....			
130	.....			
131	Lubricant for above DI All socketed duck foot bends (including 10% extra)		kg		
	DI All Flanged Duck Foot Bends complete with EPDM gaskets, nuts & bolts				
132	80 mm dia.		nr.		
133	100 mm dia.		nr.		
134	150 mm dia.		nr.		
135	.....		nr.		
136	.....		nr.		
137	.....		nr.		
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	DI Flange Adaptors complete with Fastners and Sealing Rings				
138	80 mm dia.		nr.		
139	100 mm dia		nr.		
140	150 mm dia.		nr.		
141	.....		nr.		
142	.....		nr.		
143	.....			
	DI Couplings complete with Fastners and Sealing Rings				
144	80 mm dia.		nr.		
145	100 mm dia.		nr.		
146	150 mm dia.		nr.		
147	.....		nr.		
148	.....			
149	.....			
	DI Stepped Coupling complete with Sealing Rings and Fastners suitable for connecting DI pipes to CI pipes				
150	100 dia. DI – 200 dia CI		nr.		
151	150 dia. DI – 250 dia. CI		nr.		
152	.....		nr.		
153	.....		nr.		
154	.....			
	DI Blank Flange complete with EPDM Gaskets, Nuts & Bolts				
155	50 mm dia.		nr.		
156	80 mm dia.		nr.		
157	100 mm dia.		nr.		
158	.....		nr.		
159	.....		nr.		
160	.....			
161	.....			
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	<u>CLASS C ; TEES</u>				
	DI All Socketed Tees complete with EPDM joint rings excluding lubricant				
162	80 x 100 mm dia.		nr.		
163	80 x 150 mm dia.		nr.		
164	100 x 150 mm dia.		nr.		
165	100 x 200 mm dia.		nr.		
166	.....		nr.		
167	.....			
168	.....			
169	Lubricants for above DI all socketed tees complete with joint rings (including 10% extra)		kg		
	DI All Flanged Tees complete with EPDM gaskets, nuts & bolts				
170	80 x 100 mm dia.		nr.		
171	80 x 150 mm dia.		nr.		
172	100 x 150 mm dia.		nr.		
173	250 x 350 mm dia.		nr.		
174	.....		nr.		
175	.....			
176	.....			
	DI All Flanged Reducing Tees complete with EPDM gaskets, nuts & bolts				
177	80 x 100 mm dia.		nr.		
178	100 x 150 mm dia.		nr.		
179	150 x 200 mm dia.		nr.		
179	250 x 350 mm dia.		nr.		
180	.....		nr.		
181	.....			
182	.....			
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	Socketed Tees with Flanged Branch complete with Sets of EPDM gasket, joint rings nuts & bolts excluding lubricant.				
183	80 x 100 mm dia.		nr.		
184	80 x 150 mm dia.		nr.		
185	100 x 150 mm dia.		nr.		
186	100 x 200 mm dia.		nr.		
187	.....		nr.		
188	.....		nr.		
189	.....		nr.		
190	Lubricant for above socketed tees with flanged branch (including 10% extra)		kg		
	All Flanged Level Invert Tees complete with EPDM gaskets, nuts and bolts				
191	80 x 100 mm dia.				
192	80 x 150 mm dia.		nr.		
193	100 x 150 mm dia		nr.		
194	.....		nr.		
195	.....		nr.		
196	.....		nr.		
	DI Level Invert Socketed Tees with Flanged Branch complete with EPDM Gaskets, joint rings nuts and bolts excluding lubricant.				
197	80 x 100 mm dia.		nr.		
198	80 x 150 mm dia.		nr.		
199	100 x 150 mm dia.		nr.		
200	.....		nr.		
201	.....		nr.		
202	.....		nr.		
203	Lubricant for above DI level invert socketed tees with flanged branch (including 10% extra)		kg		
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	Grade A, DI Surface Box with clear opening				
204	.....mm x .....mm		nr		
205	.....mm x .....mm		nr		
	Class D, DI Manhole Cover complete with Frame with clear opening				
206	..... mm dia.		nr		
207	..... mm dia.		nr		
208	..... 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)				
209	80 mm dia. (..... No. of joints)		Lump sum		
210	100 mm dia. (.....No. of joints)		Lump sum		
211	150 mm dia. (.....No. of joints)		Lump sum		
	..... (.....No. of joints)				
	..... (..... No. of joints)				
	Width of tape provided				
	Length of tape provided				
	Total of page 10 - carried to Summary in page 10 -				

SUPPLY OF DI PIPES, FITTINGS, SPECIALS FOR
..... WATER SUPPLY 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.
 3. DI Valves, Accessories, Manhole Covers & Surface Boxes etc. shall be compliance with the Specification.

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	VALVES				
	Sluice Valves				
	DI Double Flanged Sluice Valves suitable for Valve Key Operation				
01	80 mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
02	100 mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
03	150 mm dia (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
	DI Double Flanged Sluice Valves suitable for Valve Key Operation				
	200 mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)				
04	250 mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
05	300 mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
06	..... mm dia. (depth of installation is ... m below G.L. and maximum unbalanced pressure is bars)		nr.		
07			nr.		
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	AIR VALVES				
08	25 mm dia. Single Orifice Screwed 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 branch dia.				
11	80 mm branch dia.		nr.		
12	100 mm branch dia.		nr.		
	Fire Hydrant Assemblies Screw Down type (Type 2 BS 750) for DI Pipes				
13	80 mm dia		nr.		
14	100 mm dia		nr.		
15	.....		nr.		
16	.....		nr.		
	Total of page 10 - carried to Summary in page 10 -				

Item No.	Description	Qty.	Unit	Rate Rs.	Amount Rs.
	<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>		nr. nr. nr.		
17	80 mm dia. (..... No. of joints)				
18	100 mm dia. (.....No. of joints)				
19	150 mm dia. (.....No. of joints)				
20	200 mm dia. (..... No. of joints)				
21	250 mm dia. (.....No. of joints)				
22	300 mm dia. (.....No. of joints)				
	..... (.....No. of joints)				
	..... (..... No. of joints)				
23	Width of tape provided		Lump sum		
24	Length of tape provided		Lump sum		
	Total of page 10 - carried to Summary in page 10 -				

SUMMARY OF BILL NO. 01

Page Number	Unit	Amount Rs.
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Cost of Inspection and Testing by Independent Testing & Inspection Agency	Sum	
Total of Bill No 1 Carried to Summary in page 10 -	-	

Name of the Inspection Authority :

.....

SUMMARY OF BILL NO. 02

Page Number	Unit	Amount Rs.
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Page No. 10 -	-	
Cost of Inspection and Testing by Independent Testing & Inspection Agency	Sum	
Total of Bill No 2 Carried to Summary in page 10 -	-	

Name of the Inspection Authority :

.....

SUMMARY OF BILLS

..... WATER SUPPLY SCHEME

CONTRACT NO.

Bill No.		Amount Rs.
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 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

- **CONTRACT AGREEMENT**
- **BID SECURITY**
- **PERFORMANCE BANK GUARANTEE**
- **ADVANCE PAYMENT SECURITY**
- **LETTER OF ACCEPTANCE**

SPECIMEN FORM OF CONTRACT AGREEMENT

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

..... WATER SUPPLY 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 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;
 - a "The Procurement Committee" shall mean the Procurement Committee appointed for the purpose of determining the Bid.

 - b "The Contractor" or "The 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.

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

 - d "The 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.

 - e "The 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.

- f "The Government" shall mean the Government of the Democratic Socialist Republic of Sri Lanka.
- g "The Purchaser" or "The Board" or "the Employer" shall mean the National Water Supply and Drainage Board.
- h "Months" shall mean calendar months.
- i "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.
- j "The 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.
- k "The Works" shall mean the supply and delivery of Goods and the Services.
- l "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.
- m "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(NWSDB)/DGM(RSC.....)/ PD (.....WSP), and
Board Member of the National Water Supply and Drainage
 Board,(Name & Designation)
 of[Insert relevant RSC or Project address] at
on the
 day of Two
 Thousand and in the presence of the following Witnesses.

Chairman/DGM (RSC.....)/
 PD(.....WSP)

Board Member
 of.....WSP/.....of
 RSC.....

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

Signature1 : 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 (NWSDB)/DGM (RSC.....)/
PD(.....WSP)
.....
.....[insert relevant address]

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)]

FORM OF PERFORMANCE SECURITY (Unconditional)

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

Beneficiary: Chairman (NWSDB)/DGM (RSC.....)/
PD (.....WSP)
.....
.....[*insert relevant address*]

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

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

Beneficiary : Chairman/DGM(RSC.....)/PD(.....WSP)
.....
.....[*insert relevant address*]

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.

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 [28 days 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 :

Regd. Post

T&C/.....

..... [Date]

M/s.

.....

.....

.....

Dear Sirs,

Tender for

..... Water Supply 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 2-7) 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 shipment per day of delay.

Performance Security in the term 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 28 days beyond the contract 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.

An Advance Payment will be paid as specified in the **Clause** of General Condition of Contract.

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 (RSC.....)/Project Director (.....WSP) 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

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

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 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 bid may show credit facilities available to them from a 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]*
.....
.....

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

Yours faithfully,

.....
.....
Authorized officer of the Bidder.

Note: If there are more than one bank given in the Appendix 4A, 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.

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,

.....
.....

Bid for Supply & Delivery of DI Pipes, Fittings & Specials for

Water Supply 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 the bid.

.....
Authorised Officer of the Manufacturer.

.....
Seal of the Company.

Name :

Certified by

.....
Authorised Officer of the Bidder.

.....
Seal of the Company.

Name: :

APPENDIX 5 - MANUFACTURER'S AUTHORIZATION TO SIGN THE 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,
.....
.....

We[insert complete name of Manufacturer], who are official manufacturers of DI Pipes, Fittings, Specials, Accessories, DI 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.

We hereby extend our full guarantee and warranty in accordance with **Clause 15** of the General Conditions of Contract, with respect to the Goods offered by the above firm.

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 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,
.....
.....

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

APPENDIX 7 - TOR FOR INDEPENDENT INSPECTION AGENCY

DI Pipes & Fittings

Activity	Test Performed	Results	Acceptability as per Specification
<p>1. Physical Proportion</p> <p>1.1 <u>Socket & Spigot Pipes</u></p> <p>Pipe wall thickness</p> <p>External Diameter</p> <p>Internal Diameter</p> <p>Length of Pipe</p> <p>Socket Length</p> <p>Chambering of Spigot end</p> <p>C - Class</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 Zinc 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
<p>1.2 Flanged Pipes</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>Compresure Strength of the Cement Lining</p> <p>Curing period of Pipes after Cement Lining.</p> <p>Smoothness of external Bitumen Coating</p>			
<p>1.3 Socketed Bends</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>			

Activity	Test Performed	Results	Acceptability as per Specification
<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> <p>1.4 Flanged Bends</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> <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>			

Activity	Test Performed	Results	Acceptability as per Specification
<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>1.5 Tees</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> <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>			

Activity	Test Performed	Results	Acceptability as per Specification
<p>1.6 <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. Strength & Metalogical Properties</p> <p>2.1 DI Pipes & Fittings</p> <ul style="list-style-type: none">1. Method of Casting Metelological Properties Tensile Strength Hardness minimum Elongation Positive Internal Hydrostatic Pressure Negative Internal Pressure2. Manufacturing Standards of Pipes & Fittings.3. Lubricant make & seal type of designation of lubricant.4. Manufacturing of lubricant5. Manufacturing Standard of lubricant <p><u>Joint Rings/ Gaskets</u></p> <ul style="list-style-type: none">6. Materials of Joint Ring/ Gasket7. Manufacturing Standards of Joint Ring/ Gasket8. Hardness of materials of Joint Ring/ Gasket.9. Seal Type designation of Joint Ring/ Gasket Nuts & Bolts.10. Materials of Nuts & Bolts Washers11. Manufacturing Standard of Nuts & Bolts12. Number of Washers/ Bolt.			

APPENDIX 8 - MANUFACTURER’S AWARENESS OF THE TOR FOR INDEPENDENT INSPECTION AGENCY

[Address of the Manufacturer]

.....
.....

Chairman,
Procurement Committee,

.....
.....

**Bid for Supply & Delivery of DI Pipes, Fittings & Specials for
Water Supply 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) **Clause 8.1** of General Conditions of Contract.

.....
Authorised Officer of the Manufacturer.

.....
Seal of the Company.

Name :

Certified by

.....
Authorised Officer of the Bidder.

.....
Seal of the Company.

Name: :

**APPENDIX 9 - 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.

Bid for Supply & Delivery of DI Pipes, Fittings , specials and Accessories for

.....**Water Supply 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 :

Certified by

.....
Authorised Officer of the Bidder.

.....
Seal of the Company.

Name: :

APPENDIX 9A –MANUFACTURER’S GUARANTEE FOR THE REPLACEMENT OF UNACCEPTABLE GOODS SUPPLIED UNDER THE CONTRACT

[Address of the Manufacturer]

.....
.....

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

Supply and Delivery of DI Pipes, Fittings and Specials for
Water Supply Scheme
Contract No.

We,[*name of manufacturer*] of

.....
.....[*address of manufacturer*] guarantee

that we shall unconditionally undertake to replace any unacceptable goods supplied under this contract with no additional cost to the employer ensuring timely completion of the project.

If any case we fail to replace the unacceptable goods, We agree that the NWSDB shall not make balance 25% payment and encash the Performance Guarantee. We further aware that NWSDB will immediately suspend issuing bidding documents to us and thereafter action shall be taken to blacklist us.

.....
Authorised Officer of the Manufacturer.

.....
Seal of the Company.

Name :

Certified by

.....
Authorised Officer of the Bidder.

.....
Seal of the Company.

Name: :

APPENDIX 10 – 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 10 – 2

SPECIMEN FORM OF TEST CERTIFICATE FOR VALVES AND HYDRANTS

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 10 – 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 10 – 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:
 - ii. Yield stress or stress at permanent set limit of 0.2%:
 - iii. Percentage elongation after fracture:
 - iv. Stress under proof load:
 - v. Strength under wedge loading:
 - vi. 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 10 – 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 10 – 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 11 - 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,
.....
.....

**Supply & Delivery of DI Pipes, Fittings, Specials & Accessories,
DI Valves, Manhole Covers and Surface Boxes for
..... Water Supply 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 12 – AFFIDAVIT BY THE BIDDER

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 13 – PRE-QUALIFICATION OF MANUFACTURERS FOR SUPPLY & DELIVERY OF DI PIPES, FITTINGS, DI VALVES AND MANHOLE COVERS

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 website under this Appendix.