## Ref. No.: NWSDB/SBD/SUP/DI/LC/Ver 5

***REVISED ON 24-10-2020***

**THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST**

**REPUBLIC OF SRI LANKA**

**MINISTRY OF WATER SUPPLY**

**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.: ......................................**

**VOLUME 2**

***REVISED ON 24-10-2020***

**NATIONAL WATER SUPPLY AND DRAINAGE BOARD**

**GALLE ROAD**

**RATMALANA**

**SRI LANKA**

**…………………..**

**MONTH & YEAR**

**Volume 1 of Document NWSDB/SBD/ SUP/ DI-CI/LC/Ver5 (This Document)**

**Revised on 12-10-2020**

**is a part and parcel of this Bidding Document. This Bidding Document (Volume 2) shall be read in conjunction with the above mentioned Volume 1. Volume 1 of this document is not provided with this Bidding Document and it is available for purchasing at Tenders & Contracts Division, NWSDB, Galle Road, Ratmalana or Tenders & Contracts Division of Respective Regional Support Centres of NWSDB. It is the responsibility of the Bidder to purchase Volume 1 of this document.**

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

Revised on 23-10-2020

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 : ......……....................................

Revised on 15-05-2020

**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **SECTION** | | **PAGE NUMBER**  **From To** |
|  | **VOLUME 1** |  |
| 1. | Instructions to Bidders | 1 - 1 1 – 22 |
| 2. | General Conditions of Contract | 2 - 1 2 - 21 |

|  |  |  |
| --- | --- | --- |
| **VOLUME 2** | |  |
|  | Document Issuance Certificate | (i) |
|  | Table of Contents | (ii) (iv) |
|  | Check List of Submissions | (v) |
|  | Invitation for Bid | (vi) |
| 3. | Form of Bid | 3 -1 3 -2 |
| 4. | Bidding Data | 4 –1 4- 2 |
| 5. | Contract Data | 5 -1 5 – 3 |
|  | * General |  |
|  | * Delivery Schedule |  |
|  | * Payment Schedule |  |
| 6 | Specification | 6 – 1 6 - 39 |
| 7. | Schedule of Particulars | 7 -1 7– 21 |
| 8. | Deviation from Specifications | 8 – 1 |
| 9. | Key Features of Specification | 9-1 9 -2 |
| 10. | Bills of Quantities | 10 -1 10 - 17 |
|  | * Preamble Notes on Pricing |  |
|  | * Bills of Quantities |  |
|  | * Summary of Bills |  |
| 11. | Specimen Forms | 11 – 1 11–7 |
|  | * Contrcat Agreement * Bid Security | 11-1 11-4  11 – 5 |
|  | * Performance Security | 11 -6 |
|  | * Advance Payment Security * Letter of Acceptance | 11 -7  11 - 8 11 – 9 |

|  |  |  |
| --- | --- | --- |
| 12 | Appendices |  |
|  |  |  |
|  | * Appendix 1 - Details of similar supplies completed within the last three years and ongoing similar ones | 12 - 1 |
|  | * Appendix 2 - Financial statement | 12 - 2 |
|  | * Appendix 2 A - Authorization for Bank References | 12 – 3 |
|  | * Appendix 3 - Guarantee to confirm that pipes fittings and rubber rings match and fit properly and adequately to ensure leak proof pipe line. | 12 - 4 |
|  | * Appendix 4 - Confirmation of capability of   Production and supply according  to Delivery Schedule | 12 – 5 |
|  | * Appendix 5 - Manufacture’s Authorizations to   Sign the Contract | 12- 6 |
|  | * Appendix 6 - Authorization to the officer who sign   the contract on behalf of the Bidder. | 12 – 7 |
|  | * Appendix 7 - TOR for Independent Inspection   Agency | 12 – 8 12 – 13 |

* + Appendix 8 - Manufacturer’s awareness of the TOR 12 – 14
  + Appendix 9 - Manufacturer’s Warranty for the goods 12 - 15

supplied under the contract

* Appendix 9A - Manufacturer’s Guarantee for the 12 - 16

Replacement of Unacceptable Goods

Supplied Under the Contract

Revised on 09-09-2013

Revised on 18-09-2012

|  |  |  |
| --- | --- | --- |
|  | * Appendix 10   10 - 1 - Specimen Form of Test Certificate for  Pipes & Fittings    10 - 2 - Specimen Form of Test Certificate for  Valves & Hydrants  10 - 3 - Specimen Form of Test Certificate for  Joint Rings & Gaskets  10 - 4 - Specimen Form of Test Certificate for  Nuts & Bolts  10 - 5 - Specimen Form of Test Certificate for  Manhole Covers  10 - 6 - Specimen Form of Test Certificate for  Leak Tightness Test Performance | 12 – 17  12 – 18  12 – 19  12 – 20  12 – 21  12 – 22 |

* + Appendix 11 - Confirmation of Supplying Goods 12 – 23

manufactured at the Factory quoted

Revised on 06-01-2016

* Appendix 12 - Affidavit by the Bidder 12 – 24
* Appendix 13 - Pre-Qualification of Manufacturers for 12 – 25

Supply & Delivery of DI Pipes, Fittings

& Valves

**CHECKLIST OF SUBMISSIONS**

# CHECKLIST OF SUBMISSIONS

**\* Note: Please mark ’Y’ in the cages under the “remarks” column if submissions are made.**

‘N’ or ‘N/A’ should be marked for cases of ‘No submissions’ and ‘not applicable’ respectively.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Reference | | Remarks \* |
| (a) | Documentary evidence to establish eligibility of Bidding. | Page No. 1 – 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 |  |
| **Any other document as given below:** | |  |  |  |
|  |  |  |  |  |

Revised on 18-09-2012

**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/CI valves, manhole covers and Surface Boxes for ……………… Water Supply Scheme up to closing of bids at ……………. hours on …………. .

2. Bids shall be submitted in the documents 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 -11-2635885 or 94-11-2638999 Ext. 1750 or facsimile number 94 -11-2635885.

**Chairman**

**National Water Supply & Drainage Board**

Revised on 23-10-2020

**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/CI Valves, Manhole Covers and Surface Boxes for ……………………………… Water Supply Scheme up to closing of Bids at ………………… hours on ………………….

2. Bids shall be submitted in the documents 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)***

Revised on 23-10-2020

**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/CI Valves, Manhole Covers and Surface Boxes for ……………………………… Water Supply Scheme up to closing of Bids at ………………… hours on ………………….

2. Bids shall be submitted in the documents 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)***

Revised on 23-10-2020

**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.

Revised on 23-10-2020

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 ………………………………………………………

Revised on 13-12-2018

**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.

Revised on 23-10-2020

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 : ………………………………………………………………

Revised on 13-12-2018

**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.

Revised on 23-10-2020

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 : ………………………………………………………………

Revised on 13-12-2018

**4. BIDDING DATA**

Revised on 13-12-2018

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)

1. Manufacturer shall be a NWSDB pre-qualified manufacturer having qualified to provide the pipes & fittings from …………..mm to ………….mm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

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

\*1 Working Capital = Current Assets – Current Liabilities.

\*2 A letter to prove the availability of credit facilities issued by a Bank

within a month prior to date of closing of Bids.

\*3 current work commitment = work remaining uncompleted.

(Documentary evidence to justify shall be submitted)

*\**4 *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.

(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 0112635885

Revised on 23-10-2020

(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.

(18.2) The deadline for submission of Bid

Date:………………………. Time: ……………………………….

(21.1) The place for opening of Bids,

The Chairman, Department Procurement Committee,

C/o, Assistant General Manager (Tenders Contracts),

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.

* 1. 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.

* 1. Advance payment shall be limited to 20% of the Contract Price.

Revised on 23-10-2020

**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 from …………..mm to ………….mm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

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

\*1 Working Capital = Current Assets – Current Liabilities.

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

\*3 current work commitment = work remaining uncompleted.

(Documentary evidence to justify shall be submitted)

*\**4 *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.

(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 ……………………..

Revised on 23-10-2020

(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]*

(18.2) The deadline for submission of Bid

Date:………………………. Time: ……………………………….

(21.1) The Chairman, Project Procurement Committee,

………………………..……………………

………………………..……………………

………………………..……………………

………………………..……………………

*[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.

Revised on 23-10-2020

**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 from …………..mm to ………….mm diameter range. (This will be verified during the bid evaluation with the details available in the NWSDB).

2.2 (b)

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

\*1 Working Capital = Current Assets – Current Liabilities.

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

\*3 current work commitment = work remaining uncompleted.

(Documentary evidence to justify shall be submitted)

*\**4 *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.

(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 ……………………..

Revised on 23-10-2020

(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]*

(18.2) The deadline for submission of Bid

Date:………………………. Time: ……………………………….

(21.1) The Chairman, Regional Procurement Committee,

………………………..……………………

………………………..……………………

………………………..……………………

………………………..……………………

*[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.

Revised on 23-10-2020

**5 CONTRACT DATA**

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

Revised on 13-12-2018

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 contact 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

3.2 The Engineer's Representative shall be the PD/DGM of relevant RSC………………………………………...…………………………of the National Water Supply and Drainage Board.

10.1 The Goods shall be delivered at such places, in such quantities and within such

periods as prescribed in the attached Delivery Schedule.

Contract Period from the date of acceptance of bid is…………… days.

15.2 The validity of warranty shall be 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.

23.1 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.

31.1 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:

…………………………………………………………….

…………………………………………………………….

…………………………………………………………….

…………………………………………………………….

Revised on 23-10-2020

DELIVERY SCHEDULE

[The Purchaser shall fill in this table, with the exception of the column “ Bidder’s offered Delivery date” which shall be filled by the Bidder]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Description of Goods | Quantity | Final  Destination as specified in Bidding Data | Delivery Date |
| Bidder’s offered Delivery date [to be filled by the bidder] |
| *[insert place of Delivery]* |
| 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 | * A written request for payment in the form of an invoice. * A bank guarantee for the equivalent amount. * A performance bond. | 20% of the contract price. | Advance payment shall be made within 30 days of signing the Contract upon submission of required documents. |
| 02 | Subsequent Payments | Partial delivery to site | 1. Supplier’s invoice based on the BOQ and showing description of goods delivered quantity, units, amount and total amount. 2. Engineer’s representative’s approval for the payment. | 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 | * A written request for final (balance) payment in the form of an 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 30 days from the date of the Engineers Final Acceptance Certificate. |

**6. SPECIFICATION**

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

*Add relevant Specifications from NWSDB web (Under the “Restrict Links”)*

*as per the*

*requirement of the work.*

Revised on 19-11-2013

**7. SCHEDULE OF PARTICULARS**

**SCHEDULE OF PARTICULARS**

**TABLE OF CONTENTS PAGE NUMBER**

1 DI Pipes and Fittings 7 - 2

2 Mechanical Couplings, Repair clamps and Flange Adaptors 7 - 5

3 Gate / Sluice Valves 7 – 6

4 Butterfly Valves 7 - 7

5 Air Valves 7 - 9

6 Check Valves 7 - 10

7 Pressure Reducing Valves 7 – 12

8 Pressure Sustaining/Relief Valves 7 - 13

9 Control Valves 7 - 14

10 Altitude Valves 7 - 15

11 Ball Float Valves 7 - 16

12 Flap Valves 7 - 18

13 Fire Hydrants 7 - 19

14 Surface Boxes and Manhole covers 7 - 21

* 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. Country of manufacture: (i) Pipes: …………………………………………………..

(ii) Fittings: …………………………………………………

1. Manufacturers’ name and Address: (i) Pipes: ………………………………………….

(ii) Fittings: …………………………………..…

1. Standards to which pipes and fittings conform: (i) Pipes: ………………………………

(ii) Fittings: ……………………….……

1. Is Certificate for conformity to standards from relevant standards Institution provided
2. to the factory/factories : (i) Pipes: ………………………………………..

(ii) Fittings: ………………………………………

1. Is ISO 9001:2015 Quality Management System Certificate provided to the factory/factories :
2. 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 9001:2015Quality Management System Certificate provided to the

factory/factories : …………………..

1.10 Make of Gaskets, Joint rings and Lubricant :

Revised on 13-12-2018

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 Mastic Paste Tape uPVC/Polyethylene outer

(mm) /Primer (litres) (kg) (m) 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

Revised on 23-10-2020

**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 Standard Date of

Range 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 ……

Revised on 13-12-2018

**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: ……………………………

Revised on 13-12-2018

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) :…………….

Revised on 13-12-2018

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 ………………… m3 /min |
| Minimum air inflow at 0.2 bar differential pressure ………………… m3 /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:

………………………………………………………………………………………..

Revised on 13-12-2018

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) :…………

Revised on 13-12-2018

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):…………….

1. **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:……..... ………………………………………….

* 1. Is product conformity certificate from relevant Standard Institution provided to the

factory/ factories:……………………

* 1. Material

Main valve:……………..

Body:……………………

Internal valve:…………….

Indicator rod:……………..

Relay Valve

Body:…………………..

Spindle:…………………..

Diaphragm:………………….

Spring:……………………..

* 1. Length between flanges (mm):…………
  2. End Flanges

Pressure rating:……………

Dimensions (mm):………..

Bolt circle dia (mm):…………

Standard :………………………

* 1. Minimum running pressure difference: …………………… bars
  2. Minimum control pressure ……………. bars
  3. Internal protective finish:………………..
  4. External protective finish:………………….
  5. Weight of the valve: …………………. kg
  6. Packing and Protection of valves in transit:…………

Revised on 23-10-2020

* 1. Reference of the catalogues, technical literature and drawings provided with the Bid: …...

……………………………………………………………………..

* 1. Port of shipment:………………………..
  2. Time of delivery of valves at port of shipment:…………………..
  3. Name and Address of supplier’s agent (if any) in Sri Lanka:…………………………….
  4. Deviations from specifications (if any):………………………………….

**8. PRESSURE SUSTAINING/RELIEF VALVES**

* 1. Country of Manufacture :………………………………………………..
  2. Manufacturer’s name and Address:………………………………………………………
  3. Date of Manufacture:………………………..
  4. Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories ………………….
  5. Is product conformity certificate from relevant Standard Institution provided to the factory/ factories:……………………
  6. Material

Main valve:…………..

Body:……………………

Internal valve:…………

Indicator rod:……………..

Relay Valve

Body:…………………..

Spindle:…………………..

Diaphragm:………………

Spring:…………………….

* 1. Length between flanges (mm):…………
  2. End Flanges

Pressure rating:………………

Dimensions (mm):………………..

Bolt circle dia (mm):…………….

Standard :……………………….

* 1. Internal protective finish:………………

Revised on 13-12-2018

* 1. External protective finish:………………..
  2. Weight of the valve: …………………. kg
  3. Packing and Protection of valves in transit:………………….
  4. Reference of the catalogues, technical literature and drawings provided with the Bid:

………………………………………………………………

* 1. Port of shipment:…………………………
  2. Time of delivery of valves at port of shipment:………………………….
  3. Name and Address of supplier’s agent (if any) in Sri Lanka:……………………………
  4. Deviations from specifications (if any):………………..
     1. **FLOW CONTROL VALVES**
  5. Country of Manufacture :……………………………
  6. Manufacturer’s name and Address:…………………….
  7. Date of Manufacture:…………………………
  8. 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:……………………

* 1. Material

Main valve:………………….

Body:………………………..

Internal valve:………………..

Indicator rod:………………….

Relay Valve

Body:…………………..

Spindle:………………..

Diaphragm:……………

Spring:…………………

* 1. Length between flanges (mm):……………………..
  2. End Flanges

Pressure rating:………………

Dimensions (mm):……………

Bolt circle dia (mm):……………

Standard :………………………

Revised on 13-12-2018

* 1. Minimum flow :…………………….
  2. Constant flow:………………….
  3. Internal protective finish:…………….
  4. External protective finish:………………….
  5. Weight of the valve: …………………. kg
  6. Packing and Protection of valves in transit:………………………
  7. Reference of the catalogues, technical literature and drawings provided with the Bid:
  8. Port of shipment:…………………….
  9. Time of delivery of valves at port of shipment:…………………..
  10. Name and Address of supplier’s agent (if any) in Sri Lanka:………………….
  11. Deviations from specifications (if any):……………………………………………..

1. **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……………………

* 1. Material

Main valve:…………..

Body:……………………

Internal valve:…………….

Indicator rod:………………

Relay Valve

Body:……………..

Spindle:……………

Diaphragm:………….

Spring:………………..

Revised on 13-12-2018

* 1. Length between flanges (mm):……………
  2. End Flanges

Pressure rating:……………….

Dimensions (mm):…………….

Bolt circle dia (mm):…………

Standard :…………………………

* 1. Minimum head required at valve inlet:…………………
  2. Internal protective finish:…………………
  3. External protective finish:………………….
  4. Weight of the valve: …………………. kg
  5. Packing and Protection of valves in transit:…………………….
  6. Reference of the catalogues, technical literature and drawings provided with the Bid:

…………………………………………………………..

* 1. Port of shipment:…………………………
  2. Time of delivery of valves at port of shipment:…………………….
  3. Name and Address of supplier’s agent (if any) in Sri Lanka:……………………………
  4. Deviations from specifications (if any):…………………………………

1. **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……………………

## Body test pressure:……………….

## End Flanges

Revised on 13-12-2018

Pressure rating:…………………..

Dimensions (mm):………………..

Bolt circle dia (mm):……………..

Standard:…………………………………

## Material

Valve Body:……………………

Float:………………………….

Lever and links:…………………..

## 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**

## Country of Manufacture :……………………….

## Manufacturer’s name and Address:……………………………………………………

## Date of Manufacture:…………………………

* 1. Is ISO 9001 : 2015 Quality Management System provided to the factory/ factories ……………………
  2. Is product conformity certificate from relevant Standard Institution provided to the factory/ factories……………………

## Material

Frame and door:…………………

Sealing:………………..

Hinge pin:…………….

Links:………………….

## Flanges

Pressure rating:………

Dimensions (mm):………….

Bolt circle dia (mm):…………..

Standard :……………………

## Weight of the valve: …………………. kg

## Packing and Protection of valves in transit:………………

## Reference of the catalogues, technical literature and drawings provided with the

## Bid:…………………………..

## Port of shipment:…………………………

## Time of delivery of valves at port of shipment:…………………….

## Name and Address of supplier’s agent (if any) in Sri Lanka:………………….

## Deviations from specifications (if any)…………………………..

Revised on 13-12-2018

# 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:……………………

Revised on 13-12-2018

### 13.1.18. 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

Revised on 13-12-2018

### 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):

1. **SURFACE BOXES AND MANHOLE COVERS**
   1. Country of Manufacture :…………………………….
   2. Manufacturer’s name and Address :………………………………………………….
   3. Material :………………………………………
   4. Class, Make, Standard and Date of Manufacture

Class Make Standard Date of Manufacture

Manhole Covers : ……… ……….. ………… ………………

Surface Boxes : ………. ………. …………. …………………

* 1. Coating :…………………..
  2. Lifting arrangements:

Manhole Covers :………………

Surface Boxes :……………………

* 1. Name and Address of Supplier’s agent (if any) in Sri Lanka :……………………….
  2. Port of Shipment:……………………………
  3. Time of Delivery of Material at port of shipment:………………………….
  4. 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

Revised on 30-10-2019

**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 |  |  |
| * Socket and spigot pipes | C 40 | ISO 2531 : 2009 and EN 545 : 2010 |
| * Pipes with factory welded flanges | C 40 |
| * Pipes with integral flanges | C 40 |
| * Fittings except Tees and Crosses | C 40 |
| * Tees and crosses | C 40 |
| Length of Pipes |  | ISO 2531 : 2009 and EN 545:2010  EN 1092 – 1:2007 |
| Pressure rating of flanges | PN 16 |
| 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 |  |  |
| * 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 |  |  |
| * 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. |  |

Revised on 23-10-2020

|  |  |  |
| --- | --- | --- |
| **Feature** | **Description** | **Standard of Conformity** |
| The material for valve Body | Ductile Iron | EN 1563 : 2018 |
|  |  |  |
|  |  |  |
| Sluice Valves |  |  |
| * 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 |  |  |
| * Screwdown Type | Shall comply with | BS 750 : 2006  (type 2) |
| * Dry barrel Type | Shall comply with | AWWA C 502-80 |
| Surface Boxes |  |  |
| * Material | Ductile Iron | BS 5834 : Part 2 : 2011 |
| * Grade | Heavy duty |  |
| Manhole covers and frames |  |  |
| * Material | Ductile Iron | EN 124 : 1994 |
| * Class | Heavy duty |  |
|  |  |  |

Revised on 15-05-2020

**10. BILLS OF QUANTITIES**

**\* PREAMBLE NOTES ON PRICING**

**\* BILLS OF QUANTITES**

**\* 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.

3.2 The bidder shall include in his bid price, unless itemised separately for;

a) All services and goods which according to the true intent and meaning of the contract may be reasonably inferred as necessary for completion of delivery of the goods 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 5 of the General Conditions of Contract, testing, packing, transportation, clearing, loading, unloading, stacking, shipping line charges, warehouse rent, customs duties, port chargers, 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.

Revised on 15-05-2020

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 for pipes, fittings and specials;

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;

d) If the Bidder submit alternative offers (if allowed), conforming to specifications, a set of schedule of particulars are to be completed in respect of each alternative offer.

5. A rate and/or price is to be entered against each item in the Bills of Quantities whether quantities are stated or not. If a bidder does not quote for a item of a bill, the particular bill shall be considered as incomplete and that bill shall not be taken for evaluation.

6. The Bills of Quantities contains metric sized pipes 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**

Revised on 15-05-2020

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

**CONTRACT No. ……………………………………..**

**BILL No. 01**

**Note:** (1) All spigot and socket pipes shall be of class C 40 for upto 300mm dia. Class C 30 for 350mm dia.

to 600mm dia. (both inclusive) and C25 for above 600mm dia.

(2) All flange pipes, fittings & flanges shall be PN 16

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

Revised on 24-10-2020

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

Revised on 30-10-2019

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

Revised on 30-10-2019

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

Revised on 30-10-2019

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

Revised on 30-10-2019

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

Revised on 30-10-2019

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

Revised on 24-10-2020

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

Revised on 30-10-2019

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

**SUPPLY OF DI PIPES, FITTINGS, SPECIALS FOR**

Revised on 30-10-2019

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

**CONTRACT No. ……………………………………..**

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

**Note: 1. All Valves shall be suitable for operation with a Valve Key unless otherwise stated.**

**2. All Flanges shall be of PN 16**

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

Revised on 15-05-2020

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

Revised on 30-10-2019

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

**SUMMARY OF BILL NO. 01**

Revised on 30-10-2019

|  |  |  |
| --- | --- | --- |
|  | Unit | Amount  Rs. |
| `Page Number |
| 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  Revised on 21-06-2012 | Sum |  |
| Total of Bill No 1 Carried to  Summary in page 10 – …. | - |  |

Name of the Inspection Authority :

………………………………………………………………………………………………………………………

………………………………………………………………………………………………………………………

Revised on 30-10-2019

**SUMMARY OF BILL NO. 02**

|  |  |  |
| --- | --- | --- |
|  | Unit | Amount  Rs. |
| Page Number |
| 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 BIILS**

Revised on 30-10-2019

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

**CONTRACT NO. …………………………………**

|  |  |  |
| --- | --- | --- |
| Bill No. |  | Amount  Rs. |
|  |  |
| 01  02  03 | Supply of DI Pipes, Fittings & Specials  Supply of DI Valves & Accessories  ………………………..  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

Revised on 15-05-2020

**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 WATER SUPPLY**

**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.

Revised on 15-05-2020

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;

1. "The Procurement Committee" shall mean the Procurement Committee appointed for the purpose of determining the Bid.
2. "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.
3. "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.
4. "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.
5. "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.

Revised on 13-12-2018

1. "The Government" shall mean the Government of the Democratic Socialist Republic of Sri Lanka.
2. "The Purchaser" or "The Board" or “the Employer” shall mean the National Water Supply and Drainage Board.
3. "Months" shall mean calendar months.
4. "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.
5. "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.
6. "The Works" shall mean the supply and delivery of Goods and the Services.
7. "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.
8. "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……………)/ Board Member ......................................

PD(…………..WSP) of…………..……WSP/……..….…of RSC………………**NATIONAL WATER SUPPLY AND DRAINAGE BOARD**

Revised on 14-11-2014

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 …………………

Revised on 13-12-2018

**FORM OF BID SECURITY**

…………………… [*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)*]

Revised on 31-01-2018

**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

Revised on 31-01-2018

**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 : ……………………………………………………………….

Revised on 31-01-2018

**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]*

Revised on 13-12-2018

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.

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 Water Supply

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

Revised on 23-10-2020

**12. APPENDICES**

**APPENDIX 1- DETAILS OF SIMILAR SUPPLIES COMPLETED WITHIN THE LAST THREE 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 = Current Assets Current Liability |  |  |  |
| Liquidity Ratio = Current Assets(except stock) Current Liability |  |  |  |
| Gearing Ratio = Debt Capital x 100 Total Capital Employed |  |  |  |
| Turnover x 100  Total Operating Assets |  |  |  |
| Net Profit x 100  Total Assets |  |  |  |

Revised on 18-09-2017

# 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 statues of our company M/s ……………………………………………………………………

*……………………………………………………………………….[Contract Name]* in connections with the ……………………………………………………….…… *[Contract 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.

Revised on 13-12-2018

# 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

Revised on 31-01-2018

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 :……………………………………

Revised on 13-12-2018

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].*

Revised on 15-05-2020

Revised on 31-01-2018

Appendix 6 - Contractor’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]

Revised on 13-12-2018

( 1 of 6)

Appendix 7 - TOR FOR INDEPENDENT INSPECTION AGENCY

**DI Pipes & Fittings**

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

Revised on 24-07-2014

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **( 2of 6)** | | | | |
| **Activity** | | **Test Performed** | **Results** | **Acceptability as per Specification** |
| **1.2**  **1.3** | Flanged Pipes  Flange thickness  Flange diameters  No. of bolt holes  Length of pipe  Wall Thickness of Pipe  C – Class of Pipe  Cleanliness of Flange  Raised Face or Flat Face  Smoothness of Raised Face/Flat Face  Intergrally casted or Factory Welded  Condition of weld if welded.  Thickness of Internal Cement lining  Smoothness of Internal Cement Lining.  External Zinc Coating.  Thickness & Weight of external Zinc Coating  Method of Application of Bitumen Coating.  Compresure Strength of the Cement Lining  Curing period of Pipes after Cement Lining.  Smoothness of external Bitumen Coating  **Socketed Bends**  Socket Diameter  Length of Bend  C-Class of Bend  Wall Thickness of bend  Grooves in the Socket. |  |  |  |

Revised on 24-07-2014

**(3 of 6)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activity** | | **Test Performed** | **Results** | **Acceptability as per Specification** |
| **1.4** | Thickness of Internal Cement lining  Smoothness of Internal Cement lining  External Zinc Coating  Thickness & Weight of external cement coating  Method of Application of Bitumen Coating  Compresure Strength of the Cement Lining  Curing period of Bends after Cement Lining  Smoothness of external Bitumen Coating.  **Flanged Bends**  Flange Diameter  Length of Bend  Thickness of Flange  No. of Bolt holes  Wall Thickness of Pipe  Raised Face or Flat Face  Smoothness of Raise Face/ Flat Face  Integrally Casted / Factory welded condition of  Weld if welded  C – class  Thickness of Internal Cement lining  Smoothness of Internal Cement lining  External Zinc Coating  Thickness & Weight of External Coating  Compressive Strength of the Cement Lining. |  |  |  |

Revised on 24-07-2014

**(4 of 6)**

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

Revised on 24-07-2014

**(5 of 6)**

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

Revised on 24-07-2014

**(6 of 6)**

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

……………………………................... ………………………….

Authorised Officer of the Manufacturer. Seal of the Company.

Name :……………………………………

Revised on 23-10-2020

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 :……………………………………

Revised on 15-05-2020

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 :……………………………………

Revised on 15-05-2020

**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)

1. Physical properties
2. Tensile strength :
3. Elongation :
4. Hardness :
5. Microstructure :
6. Metallurgical Analysis:
7. Dimensions :

i. Wall thickness

ii. Socket dimensions (drawing / sketch)

iii. Plain end chamfer details

1. Coating and Lining

Details of standards, composition and thickness of

* + - * 1. External zinc coating :
        2. External bitumen coating :
        3. Cement mortar lining :

1. Pressure (Hydrostatic) tests:

Revised on 09-09-2013

**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

1. Coating & Lining

Details of standards, composition & thickness

1. Internal coating :
2. External coating :
3. Test Pressures :
4. Body test pressure & result:
5. Seat test pressure & result:

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

Revised on 09-09-2013

**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
4. Tensile Strength & result :
5. Elongation at break & result:
6. Compression set & result
7. Hardness & result:
8. Test for microbiological deterioration :

Recommendation. ………………………………………………………………………

…………………………………………………………………………………………….

…………………………………………………………………………………………….

Authorized Signature of Testing Agency

Name and Address of Testing Agency …………………………………………………….

…………………………………………………….

Fax: ………………………………………..

e-mail: ………………………………………

Revised on 09-09-2013

**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
3. Tensile strength & result:
4. Yeild stress or stress at permanent set limit of 0.2% :
5. Percentage elongation after fracture:
6. Stress under proof load :
7. Strength under wedge loading :
8. Hardness & result :
9. Galvanizing
10. The standard which it conforms:
11. Thickness of galvanized coating :

Recommendation. ………………………………………………………………………

…………………………………………………………………………………………….

…………………………………………………………………………………………….

Authorized Signature of Testing Agency

Name and Address of Testing Agency …………………………………………………….

…………………………………………………….

Fax: ………………………………………..

e-mail: ………………………………………

Revised on 09-09-2013

**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 :

1. Coating :
2. Load test results:

Recommendation. ………………………………………………………………………

…………………………………………………………………………………………….

…………………………………………………………………………………………….

Authorized Signature of Testing Agency

Name and Address of Testing Agency …………………………………………………….

…………………………………………………….

Fax: ………………………………………..

e-mail: ………………………………………

Revised on 09-09-2013

**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: ………………………………………

Revised on 09-09-2013

**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 Seal of the Company

Chief Executive Officer/

General Manager of the manufacturer

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 : ………………………………

Revised on 15-05-2020

**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…...

Revised on 12-11-2014

Before me ……………………

Declarant

……..………………

Justice of the peace /

Commissioner for Oaths

**APPENDIX 13 – PRE-QUALIFICATION OF MANUFACTURERS FOR SUPPLY & DELIVERY OF DI PIPES, FITTINGS, DI/CI 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***

Revised on 15-05-2020

Revised on 05-09-2019