**MINUTES OF THE STANDARD BIDDING DOCUMENT REVIEW COMMITTEE**

**MEETING NO. 07/2013**

**Venue** : Addl.GM (Sewerage) Office

**Date** : 30-07-2013

**Time**  : 01.30 p.m

**Present**

1. Eng. G.A. Kumararathna - Addl. GM (Sew) - Chairman
2. Eng. K.R. Dewasurendra - Addl. GM (CS) - Member
3. Eng. R.H. Ruvinis - DGM(P & D) - Member
4. Eng. U.C. Pathiranage - AGM (P&D-Doc) - Member
5. Eng. M. Abeysekara - AGM (M&E-Services) - Member
6. Mrs. A.P.S. de Silva - AGM (F) - Member
7. Eng. S.S.S. Vipulanandan - AGM (Procurement & Contract) - Member
8. Eng. (Mrs) M.L. Wijesinghe - Eng. (Doc)

**Absent**

1. Eng. D.S.D. Jayasiriwardene - Addl. GM (S/E) - Member
2. Eng. (Mrs) K.T.P. Fernando - DGM (PC) - Member
3. Eng. R.A.A. Ranawaka - AGM (T&C) - Member

**Also circulated to:**

Chairman, Vice Chairman, Working Director

General Manager

Addl. GMM (WSP, P&P, Western, N/C)

DGM (Dev)/ (M&E)/(F), DGMM (RSC) – [Western – C, Western N, Western S, Southern

Uva, Sab, Central, NW, NC, North, East, Production]

AGMM (P&D), Specialists

Project Directors, AGM (Supplies) / (MPD&T)

1. **Confirmation of Minutes**
   1. **Previous minutes were confirmed with the following amendments.**

**5.1a) Establishing SLS Standards for Water Fittings**

AGM (M&E – Services) expressed the disagreement of M&E Services Division to limit the product conformity to SLS Standards, and required to take necessary actions to make the mandatory process acceptable standards of other countries such as **BS, EN, ISO,ASTM,DIN,JIS,IS, etc**

1. **Specifications** 
   1. **Ferrules**

AGM (M&E Services) has forwarded a Tender Document utilizing the new specification for Supply of Ferrules for comments. The same format of Water Meter Document has been used for this document also.

Therefore, corrections made to Water Meters Document is also applied here.

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| The corrected document to be circulated for comments | |
| **30-08-2013** | **Action :**  **AGM (Doc)** |

* 1. **Revision of ICTAD Specification Water Supply & Drainage Works**

ICTAD has requested NWSDB to revise the specification for Water Supply & Drainage works.

Chapters of the specifications have already been given to DGMM (RSC)/PD and other Engineers of Water Board for their comments. In addition, three committees were appointed to go through chapters and comments of DGMM (RSC)/PD’s and others who were given some chapters. The committees to list the chapters commented and to tabulate the changes.

These draft chapters will be discussed at a Workshop to finalize the specification.

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| All three committees have discussed the comments and the amendments are being finalized. Meetings have being scheduled on 1st August 2013 at 9.00 a.m to discuss the progress of the work of committee chaired by Mr. Ruvinis, DGM (P&D). | |
| **25-08-2013** | **Action:**  **AGM (Doc)** |

**3. Issues in SBDs**

**3.1 Payment of interest on delayed VAT payments for contractors.**

AGM (Procurement & Contract) has brought up a dispute of payment of delay interest by adding the VAT component. In the view of the AGM (Procurement & Contracts), the VAT is not to be paid as a contractual payment but a statutory payment and the interest shall be paid only for the contractual payment by omitting VAT.

But according to the AGM (F), the interest for delay shall be paid for VAT component as well as according to the financial regulations; the Board is liable to pay VAT on submission of a tax invoice. Hence if the delay is due to the Board, the interest also shall be paid by the Board.

The issue was referred to the adjudication and the ADB has given a decision to pay the delay interest to the contractor. The Board has appointed a special committee to express dissatisfaction on the Adjudicators decision and to negotiate with the contractor on settlement. SBDRC appointed a committee comprising Mr. Ranawaka - AGM (T&C), Mrs. Srima de Silva – AGM (F), Mr. Vipulanandan –AGM (Procurement & Contracts) to study the case and recommend any changes to be made in the Awarding Letter if necessary.

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| The committee to comment of any changes to the Awarding Letter if necessary. | |
| **28-08-2013** | **Action:**  **AGM(F)/ AGM(T&C)/**  **AGM (Procurement & Contract)** |

**3.2 Updating SBD’s with Changing the Version**

When corrections of SBD’s to be done, the particular page is corrected and the corrected date is stated in the page. A yellow page is included in the hard copy kept in Documentation Section. There are some SBD’s which have been corrected many times and many yellow pages have been included in the SBD. Therefore, AGM (Doc) informed to change the version of such SBD’s. SBDRC committee agreed.

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| The version of the SBD’s to be changed accordingly | |
| **28-08-2013** | **Action:**  **AGM(Doc)** |

**4. Pre-qualification (PQ)**

**4.1 PQ of Couplings & Flange Adaptors**

Specifications for following couplings have been prepared and circulated among SBDRC members.

* Stepped Couplings
* Couplings
* Flange Adaptors
* Couplings & flange adaptors for PE & PVC

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| SBDRC members to give their comments. PQ committee to scrutinize the specifications. | |
| **30-08-2013** | **Action:**  **AGM (Doc)** |

**5. SLS Standards**

**5.1 a) Establishing SLS Standards for Water Fittings**

Greater Kandy Water Supply Project (GKWSP) works towards to reach the goal, “Procurement of quality goods and services to assure sustainable supply of water for all”.

Secretary to the Treasury agreed to declare the following list of items to be declared as controlled items. SLS Standards to be introduced for those items and they were brought to the notice of the SLSI to prepare SLS standards for those items.

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|  | **Item** |  | **Current HS Codes** |
|  | Cisterns |  | 8481.80 |
|  | Domestic ball float valves |  | 8481.80 |
|  | Bib taps (swan neck valves, kitchen taps, etc.) |  | 8481.80 |
|  | Bidet shower |  | 8481.80 |
|  | Stop valves and ball cock |  | 8481.80 |
|  | Clamp saddles |  | 8481.80 |
|  | Ferrules |  | 7415.33.90 |
|  | Domestic water meters and bulk flow water meters |  | 9026.10 |
|  | Angle valves |  | 8481.80 |

The four draft standards namely,

1. Draw off taps and stop valves for water services
2. Copper Alloy Building Servicing Valve
3. PVC Ball Valves with Service Connection of threaded sanks or solvent cement welding for Domestic Water Supply
4. Globe, check and Gate Valves of Copper Alloy body for Domestic and Industrial purposes

discussed at the SLSI and comments were given. M&E Section has forwarded their comments and they were submitted to the working committee for the consideration. An awareness program on the procedures was held for the suppliers/Manufacturers.

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| 1. The working committee of the SLSI to consider the comments and draft to be finalized. 2. A meeting to be scheduled for the subcommittee chairmen and the PD(GKWSP) & his assistants to discuss the main concerns. | | |
| **1)**  **30-09-2013** | **Action:**  **PD (GKWSP)** | **Follow up:**  **AGM (Doc)** |
| **2)**  **30-08-2013** | **Action:**  **Addl. GM(S/E)/PD (GKWSP)** | **Follow up:**  **AGM (Doc)** |

**5.2 Draft of Sri Lanka Standards for Potable Water**

**i) SLS 614 Part 1-Physical and Chemical Requirements**

**ii) SLS 614: Part 2 : 1983 – Bacteriological Requirements**

SBDRC appointed a committee comprising Specialist for Water Treatment together with AGM (R&D) and Chief of Laboratories to review the changes and to comment.

Several Meetings were held among the Addl. GM (SE), Addl. GM(C/S), AGM (R&D), Chief of Laboratories and Water Treatment Specialists to discuss the recommendations before meeting SLSI. The committee has discussed but could not agree with SLSI to have permissible levels of parameters instead of having only the preferable levels in the revision. SLSI has asked the NWSDB to gazette the NWSDB Standard with permissible levels if necessary and confirmed that the SLSI standard does not have a legal validity. The legal validity of the SLS Standards to be obtained in-writing from SLSI.

A grace period of 05 years to be requested at the next meeting to do the necessary modifications in the treatment plants in order to meet the requirements of the proposed standards.

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| 1. NWSDB has sent a letter inquiring the legal validity of the SLS standard. 2. NWSDB to discuss on a grace period of 05 years. | | |
| **30-08-2013** | **Action :**  **AGM (Doc)** | **Follow up:**  **Addl. GM (CS)** |

**5.3 SLS for PE Pipes and Fittings (EN 12201:2011)**

The Committee appointed to recommend appropriate standard out of ISO 4427 and EN 12201 for PE pipes, has recommended EN 12201:2011 to be used in the NWSDB Specifications for PE pipes, since specifications given in EN Standards are more appropriate to apply initially in water and sewerage industry in Sri Lanka. SLS may consider this as the National Standard for PE pipes. SBDRC accepted the specification committee recommendation.

A letter has been sent to SLSI stating above details and requesting them to adopt SLS 12201:2011 as Sri Lankan Standard.

The SLSI has informed NWSDB by their letter No. SC/01 dated 2013-05-14 stating that they have initiated actions to develop SLS Standards for PE pipes. The drafting committee will go through EN 12201 and will decide whether to adopt EN standard or to develop SLS standard based on EN standard.

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| Follow up with SLSI. | |
| **30-08-2013** | **Action:**  **AGM (Doc)** |

**5.4** **Draft Sri Lanka Standard of Specification for Unplasticized Poly(Vinyl Chloride) Pipes for water supply and for Buried and above ground Drainage and Sewerage under pressure(Third Revision)-(SLS 147:2012)**

The Draft Sri Lanka Standard of Specification for Unplasticized Poly(Vinyl Chloride) Pipes for water supply and for Buried and above ground Drainage and Sewerage under pressure(Third Revision)-(SLS 147:2012) was circulated and discussed in the SBDRC. The draft was reviewed against the currant SLS147 standard(2nd revision) and ISO 1452 standards which was referred in the new draft. A summary of the review was circulated among the members at the SBDRC meeting No. 03/2013.

The pressure rating of pipes has been revised and reduced for local usage considering the temperature effect in the country without changing the thickness of pipes in the new draft.

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| Once the Standard is finalized, NWSDB specifications too needs to be amended. | |
| **28-08-2013** | **Action :**  **AGM (Doc)** |

**6. Other Issues**

**6.1** **Tapping of Service Connection in Parallel with pipe laying**

It was discussed at the SBDRC meeting that tapping for service connection to be done in parallel with laying of Distribution pipelines to avoid damages to roads again and to minimize public inconvenience, and to avoid possible leaks occurring in future.

The following committee was appointed to study the issues in tapping for service connection in parallel with pipe laying and report to SBDRC.

D.S.D. Jayasiriwardene - DGM (P&D) /Addl. GM(S/E) - Chairman

K.R. Dewasurendra - Addl. GM (CS) - Member

K.T.P. Fernando (Mrs) - DGM (PC) - Member

R.K.L. de Soyza - AGM(S/E) - Member

W. Illangasingha (Mrs) - PD (TSKWSP) - Member

J.P.G. Jayaratne - Snr. Eng. (S/E) - Secretary

The report was discussed at the SBDRC and finalized the report after accommodating the SBDRC comments. The final report, sent to the General Manager was taken at the staff meeting & the Comments were forwarded to the SBDRC.

The cost difference between two methods of giving connections was calculated.

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| Accordingly, the Sub Committee report to be revised and to be circulated as a GM’s circular. | | |
| **30-08-2013** | **Action :**  **AGM (Doc)/Addl. GM(S/E)** | **Follow Up:**  **AGM (Doc)** |

**6.2** **Revision of Total Cost Estimates in order to adjust the cost variations.**

AGM (F) has inquired from the Central Bank of Sri Lanka on the availability of internationally recognized Agency, to find the foreign inflation rate of Donor countries and other project financing countries, and found that there are no such Agencies.

A Board Paper on “Procedure for calculation of Total Cost Estimate, Adopting Escalation” has been forwarded to the GM in order to take up at a Board Meeting. Board has approved it subjected to approval of National Planning Department (NPD).

This was forwarded to the NPD with the Estimate prepared for Matale Water Supply Project as an example.

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| The proposal has been submitted to PAC incorporating the comments given in the PAC decision and approved. | |
| **28-08-2013** | **Action:**  **DGM (P&D)/AGM (Doc)** |

**6.3** **Delegation of Authority of Employer & the Engineer**

AGM(T&C) pointed out that the forfeiture of bonds and guarantees in NWSDB contracts are done by the relevant regional DGMM though the” Employer” in the document who is the Chairman, NWSDB. As it is difficult to obtain Chairman’s signature by the Regions, it was decided to request to delegate Chairman’s authority of encashment of guarantees to Regional DGMM, with the consent of the Chairman. In addition, the delegation of authority of the “Engineer” in the Contracts to Regional DGMM has not been done in the documents. Chairman has approved the SBDRC recommendation and GM has issued a circular in this regard.

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| The Board Paper which indicated the delegated activities to be approved by the Board of Directors. | |
| **20-08-2013** | **Action:**  **AGM (Doc)/ AGM (T&C)** |

**6.4 New design for Clamp Saddles.**

PD (GKWSP) has forwarded a letter on the PVC Clamp saddles. The PD(GKWSP) in his letter has mentioned that the prototype model prepared by the Mechanical Division of the GKWSP to be demonstrated to Dr. S.D. Pathirana at the University of Peradeniya.

The AGM (M&E-Services) giving his comments has stated that once the model is done, it has to be simulated and tested with all the problems which were faced by the NWSDB. These problems to be obtained from high pressure zones in Regions. He also has same problems and will be given to PD (GKWSP).

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| The past information of Clamp Saddle failures compiled by M&E Section to be forwarded to PD (GKWSP). | | |
| **20-08-2013** | **Action :**  **AGM (M&E Services)** | **Follow up :**  **AGM (Doc)** |

**6.5 Commissioning & Testing of Meters on Project Test Bench**

The AGM (M&E - Services) has forwarded a letter (No. M&E Services/SBDRC dated 27-05-2013) to SBDRC stating his views on giving concurrence for testing of meters for Project test bench. The SBDRC has discussed the issue and decided to request the PD (GKWSP) to have a meeting with the NWSDB Chairman, GM and other senior members of the management to decide on the actions of outcome of the tests. Until such time, the tests shall not be carried out.

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| A meeting to be organized with Chairman, GM and other senior members of the management to decide on the action of any outcome of the tests. | | |
| **30-08-2013** | **Action :**  **PD (GKWSP)** | **Follow up :**  **AGM (Doc)** |

Under the process of testing of imported goods in par with the new SLS standards for procurement of quality goods, the GKWSP laboratory to get accreditation to proceed with the water meter testing to facilitate the testing of water meters without any delay.

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| The necessary actions to be taken to obtain the accreditation for the Greater Kandy Water Supply Project Laboratory for testing of water meters. | | |
| **30-08-2013** | **Action :**  **PD (GKWSP)** | **Follow up :**  **AGM (Doc)** |

**6.6 Revision of Non refundable Tender fee of Tender Documents**

AGM (Documentation) has informed that the non-refundable tender fee charged at present by the NWSDB is insufficient for the documents of large projects as the cost of the set of documents including drawings is high. Hence it was proposed to revise the non-refundable tender fee for the tender documents of large projects.

Accordingly, the SBDRC decided to revise the non-refundable tender fee for the projects as below.

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| **Engineers’ Estimate (Rs.)** | **Present Non Refundable Tender Fee (Rs.)** | **Proposed Non Refundable Tender Fee (Rs.)** |
| 2.0 Millions | 1,000 | 2,000 |
| 2 – 5 Millions | 2,000 | 4,000 |
| 5 – 7.5 Millions | 3,000 | 5,000 |
| 7.5 – 10 Millions | 4,000 | 6,000 |
| 10 – 20 Millions | 5,000 | 8,000 |
| 20 – 50 Millions | 6,000 | 10,000 |
| 50 – 100 Millions | 10,000 | 15,000 |
| 100 – 500 Millions | 15,000 | 25,000 |
| 500 – 1000 Millions | 50,000 |
| Above 1000 Millions | 100,000 |

**Annex1**

**PROGRESS OF SBD PREPARATION COMMITTEES**

**As at 28-05-2013**

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| **Sr**  **No.** | **Key** | **Title** | **Progress** | **Action by / Date** | **Present**  **Status** |
| 01 | D20 | SBD for Water Meters  Committee Chairman –  **Addl. G.M.(Sewerage)**  **Mr. G.A. Kumararathna** | Few issues such as definition of Supplier, Manufacturer and separating of “Bidding Data” and Specifications have to be solved. Brief written submission was required from AGM (Doc) and AGM (M&E-Services).  Chairman / SBDRC gave a decision to introduce “Manufacturer” and corrected Water Meter SBD to be circulated among SBDRC members. | AGM (Doc)  20-08-2013 | Comments by SBDRC members |
| 02 | D20 | SBD for Supply & Delivery of Gunmetal Ferrules | Few issues such as definition of Supplier, Manufacturer and separating of “Bidding Data” and Specifications have to be solved.  The same changes made in the Water Meter Document to be applied and to be circulated among SBDRC members. | AGM (Doc)  20-08-2013 | Comments by SBDRC members |

**Outstanding SBDs/Specifications**

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| **S.No.** | **Key** | **Title** | **% Completion** | **Activity** | **Target Date of the Activity** |
| **SBDs** | | | | |  |
| 1 | D20 | SBD for Water Meters ( ½” & ¾" ) | 100% | \* 3a | 30-08-2013 |
| 2 |  | PQ document for Couplings and Flanged Adapters | 98% | \* 3 | 15-08-2013 |
| 3 |  | Document for Ferrules | 100% | \* 2a | 15-08-2013 |
| **Specifications** | | | | |  |
| 4 | S12 | Updating Specification in Plant & Design – Build Contract for Civil and M& E Work | 70% | \*1 | 30-08-2013 |
| 5 | - | ICTAD Specifications for Water Supply, Sewerage and Strom Water Drainage Works | 50% | \* 1a | 30-08-2013 |

***Note :***

\*1 - Documents to be submitted to the SBDRC.

\*1a – Specifications to be submitted to a National Workshop.

\*2a – Comments included and to be circulated among SBDRC members.

\*3 - SBDRC comments, to be included and send to T&C Section for calling Applications for Pre-Qualifications.

\*3a – SBDRC comments to be included and uploaded to NWSDB web.