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

**MEETING NO. 11/2012**

**Venue** : Conference Room

**Date** : 18-12-2012

**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. (Ms) K.T.P. Fernando - DGM (PC) - Member
4. Eng. M. Abeysekara - AGM (M&E-Services) - Member
5. Eng. U.C. Pathiranage - AGM (P&D-Doc) - Member
6. Eng. R.A.A. Ranawaka - AGM (T&C) - Member
7. Mrs. A.P.S. de Silva - AGM (F) - Member
8. Eng. S.S.S. Vipulanandan - AGM (Procurement & Contract) - Member
9. Eng. K.H. Nandisena - CE (Doc) - Secretary
10. Eng. (Ms) M.L. Wijesinghe - Eng. (Doc)

**Excused:**

1. Eng. D.S.D. Jayasiriwardene - Addl. GM (S/E) - Member
2. Eng. R.H. Ruvinis - DGM(P & D) - Member

**Also circulated to:**

Chairman, Vice Chairman, Working Director

General Manager

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

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 Decisions**
   1. **Previous minutes were confirmed, with following correction**

AGM (M&E – Services) has pointed out a correction in item 4.2 of the Minutes. The same item repeating with this and it has been corrected in item 4.2 of this minutes)

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

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| AGM (M&E Services) has forwarded a Tender Document for Supply of Ferrules for comments. The new document to be discussed at the committee before finalizing. The current SBD which is in use to be used until the new document is finalized. The new document to be circulated among the SBDRC members. | |
| **31-01-2013** | **Action:**  **AGM (Doc)** |

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

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| ICTAD has requested NWSDB to revise the specification for Water Supply & Drainage works.  Chapters of the specifications have been separated to be given to Sections of Water Board for their comments. The comments to be discussed at a work shop before finalizing the draft. Three committees to be appointed to compile and finalize the comments. | |
| **20-01-2013** | **Action:**  **AGM (Doc)** |

1. **Pre-qualification (PQ)**
   1. **PQ of Couplings & Flange Adaptors**

The purchasing of the AWWA C219 standard was done by GKWSP and the finalization of the specification to be done accordingly.

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| The specification completed for other types of couplings except for Harness couplings and the corrected Document with SBDRC comments, to be sent to T&C for calling for PQ. | |
| **20-01-2013** | **AGM (Doc)** |

**4. SLS Standards**

**4.1 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.

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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 |

AGM (M&E-Services) has forwarded his views on the above procedure and stated that NWSDB has no authority in pre-qualifying products without the third party consent. Further he stated that finalizing the SLSI standards for above items shall not restrict the good products entering the market. He stressed the point of introducing type drawings to the standards may obstruct some good quality products, which does not tally with the drawings coming to the market. AGM (M&E-Services) insisted on implementing a procedure where products are screened on a performance basis, but not the paper qualifications and pre-qualifying the Brands. SBDRC discussed this issue in length and decided that Pre-qualifications shall be done only for goods required for NWSDB by the NWSDB Pre-qualification process. SLSI will be involved in only for the preparation of SLS Standards. The sub committee for the Identification and preparation of SLSI Standards under Procurement of Quality goods and Services program will prepare a draft standard and forwarded to the SLSI to suit NWSDB requirements. Then SLSI will follow their procedures in finalizing the SLSI standard after going through various committees and public hearing. Further SBDRC agreed to look in to the drawings if any and to study them before introducing them in the draft standards.

**4.2** **Comments on review of Sri Lanka Standard SLS 705-1985**

**(Specification for materials for Bib-Tap and Stop Valve seat washers)**

The working group appointed under the Sectoral Committee for Materials and Mechanical systems Sri Lanka Standards Institute (SLSI) has forwarded their recommendation on specifications for materials for Bib tap and Stop valve seat washers.

**AGM (M&E – Services)’s comments on the above is as follows;**

*“Materials recommended by the Working Group/sectoral committee can be applicable to NWSDB purposes.*

*But AGM (M&E Services) will not recommend materials for valves to be used by any third party water users. This is because material choices for valves by third parties depends on a lot of engineering and non – engineering factors. Third parties have legal protection for their own choices.*

*Further he recommends that materials selection for third parties should be done through public hearing by an institution like SLSI.”*

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| NWSDB Representative of working Group has been informed by AGM(Doc) that the SBDRC has confirmed the recommendation, Comments and alterations made on the above assignment by them only for water supply purposes of NWSDB.  SLSI will follow their procedure in finalization of SLSI Standard after going through various committees and public hearing. | | |
| **31-01-3013** | **Action :**  **AGM (P&D – M&E)**  **AGM (Dev. – WC)** | **Follow up :**  **AGM (Doc)** |

**4.3 Draft of Sri Lanka Standards for Potable Water (SLS 614 Part 1)**

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

On request of NWSDB for a discussion, SLSI has informed that they will give an appointment for a discussion early.

Several Meetings were held among the Addl. GM (SE), Addl. GM(C/S), AGM (R&D), Chief of Laboratories and Water treatment and Sewerage Specialists to discuss the recommendations before meeting SLSI. The comparison of the parameters in the draft with the other standards was forwarded to SLSI.

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| The SBDRC decided to discuss the same with SLSI by having an appointment with SLSI. | | |
| **30-01-2013** | **Action :**  **CLS** | **Follow up:**  **Addl. GM (CS)/AGM (Doc)** |

**4.4 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 committee recommendation.

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

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| A meeting to be arranged with SLSI and Chairman NWSDB The NWSDB to expedite the process of accepting EN12201:2011 as the Sri Lanka Standard. Specifications also to be revised in the SBDs. | |
| **20-01-2013** | **Action:**  **AGM (Doc)** |

**4.5** **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 in the SBDRC for comments. The comments to be discussed with Addl. GM (P &P) before responding to SLSI.

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| The comments to be discussed with Addl. GM (P &P) before responding to SLSI. | |
| **30-01-2013** | **Follow Up:**  **AGM (Doc)** |

**5. Issues in SBDs**

**5.1 SBD for Laying**

At present normal Civil SBDs are used for laying of PE, PVC, DI pipes. As pipe laying is specialized area a separate SBD for pipe laying is required. A provision for Micro Tunneling to be provided in the SBD requesting a rate or a provisional sum for Micro Tunneling as an alternate method in the document.

Pipe jointing methods, other alternative methods of laying, training of relevant NWSDB staff & special machinery to be included in the specification. Machinery and new equipment should be handed over to NWSDB on completion of the project.

A SBD for pipe laying with proposed amendments has been prepared. Micro tunnelling has been added to the specification. As no comments received for the circulated draft document, the SBD was uploaded to the NWSDB web.

**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 - DGM (PC) - Member

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

W. Ilangasingha - 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.

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| The final report was sent to the General Manager and it was taken at the staff meeting. Comments are awaited. | |
| **15-01-2013** | **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 a Board Meeting. Board has approved it subjected to approval of National Planning Department.

**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.

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| SBDRC discussed the issues and decided to discuss with the Chairman and GM on the above matter in order to implement an authority delegation of ”Employer” and” Engineer” in order to take necessary actions without a delay. Further the SBDRC decided to include a special clause in the “Guarantees” mentioning the “forfeiture of security will be done under the signature of ……….” after obtaining approval of Chairman. | |
|  | **Action:**  **Addl. GM (Sew)** |

**6.4 Ferrous Content of PAC**

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| AGM(T&C) raised an issue on a contradiction of “ferrous” content in PAC and Alum. The issue is to be forwarded to the committee appointed to prepare the specification for PAC and to do the necessary modifications. | |
| **30-01-2012** | **Follow Up:**  **AGM (Doc)** |

**Annex1**

**PROGRESS OF SPECIFICATIONS PREPARATION COMMITTEES**

**As at 01-01-2013**

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| **Sr**  **No.** | **Key** | **Title/Chairman** | **Progress** | **Action by / Date** | **Present**  **Status** |
| 01 | S12 | Updating Specification in Plant & Design-Build Contract for Civil and M&E Works  Committee Chairman –  **Addl. GM(SE),**  **Mr. D.S.D. Jayasiriwardene** | Committee was appointed. Work is in progress. | Addl. GM (SE)  31-03-2013 | Work in progress |

**PROGRESS OF SBD PREPARATION COMMITTEES**

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| **Sr**  **No.** | **Key** | **Title** | **Progress** | **Action by / Date** | **Present**  **Status** |
| 01 | D20 | SBD for Water Meters  Committee Chairman – | AGM (M&E-Services) has corrected both the Document and Specification. The document has been circulated for SBDRC comments for their comments.  The document will be discussed at a special meeting. | AGM (Doc)  31-01-2013 | To be discussed. |
|  |  | **Addl. G.M.(Sewerage)**  **Mr. G.A. Kumararathna** |
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| 02 | D22 | SBD for Design & Build – ICTAD  Committee Chairman –  **DGM (Western-South)**  **Mr. M.K. Hapuarachchi** | Draft Document is being reviewed by the committee. | DGM (WS)  30-01-2013 | Work in progress |

**Outstanding SBDs/Specifications – As at 05 November 2012**

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| **S.No.** | **Key** | **Title** | **% Completion** | **Activity** | **Target Date of the Activity** |
| **SBDs** | | | | |  |
| 1 | D20 | SBD for Water Meters ( ½” & ¾" ) | 98% | \* 2 | 01-01-2013 |
| 2 | D22 | SBD for Design & Build – ICTAD | 95% | \* 1 | 30-01-2013 |
| 3 |  | PQ document for Couplings and Flanged Adapters | 98% | \* 3 | 20-01-2013 |
| 4 |  | Document for Ferrules | 98% | \* 2 | 30-01-2013 |
| **Specifications** | | | | |  |
| 5 | S12 | Updating Specification in Plant & Design – Build Contract for Civil and M& E Work | 50% | \*1 | 31-03-2013 |

***Note :***

\*1 - Documents to be submitted to the SBDRC

\*2 – Documents circulated & to be discussed by the SBDRC members.

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