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

**MEETING NO. 07/2012**

**Venue** : Addl. G.M (Sewerage)’s Office

**Date** : 29-06-2012

**Time**  : 1.30 p.m

**Present**

1. Eng. G.A. Kumararathna - Addl. GM (Sew) - Chairman
2. Eng. D.S.D. Jayasiriwardene - Addl. GM (S/E)/DGM (P&D) - Member
3. Eng. K.R. Dewasurendra - Addl. GM (CS) - Member
4. Eng. (Ms) K.T.P. Fernando - DGM (PC) - Member
5. Mrs. A.P.S. de Silva - AGM (F) - Member
6. Eng. M. Abeysekara - AGM (M&E-Services) - Member
7. Eng. U.C. Pathiranage - AGM (P&D-Doc) - Member
8. Eng. R.A.A. Ranawaka - AGM (T&C) - Member
9. Eng. K.H. Nandisena - CE (Doc) - Secretary

**Excused:**

1. Eng. S.S.S. Vipulanandan - AGM (Procurement & Contract) - Member
2. Eng. (Ms) M.L. Wijesinghe - Eng. (Doc)

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

As discussed in previous meetings following actions to be done.

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| Soft copy of Specification of the ferrules which has been revised according to the new drawing developed by M & E –Services Section, to be forwarded to AGM (Doc) in order to upload to the web. | |
| **10-08-2012** | **Action:**  **AGM (M&E-Services)** |

* 1. **Hardness of Rubber Rings**

As decided by the SBDRC, letters were sent to Local Agents, Manufacturers of Rubber Rings and all prequalified DI pipe manufacturers to obtain details of hardness range and the technical basis of rubber rings manufactured by each manufacturer under GM’s signature.

AGM (T&C) had been able to obtain test reports from VIP Polymers Ltd., UK.

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| 1. The technical basis of the hardness variation of the rubber rings to be studied and to be informed to SBDRC. 2. AGM (T&C) to follow up with other Rubber Ring Manufacturers and obtain details in the same format of VIP Polymers. | | |
| **20-08-2012** | **Action:**   1. **AGM (M&E-Services)/**   **AGM (Procurement & Contract)** | |
| **30-07-2012** | **Action:**   1. **AGM (Doc)** | **Follow up:**  **AGM (T&C)** |

* 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 to be given to Sections for their comments. | |
| **15-08-2012** | **Action:**  **AGM (Doc)** |

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

Document for Couplings and Flanged Adapters is completed.

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

Corrected Document was submitted to SBDRC for comments, after inclusion of Annual requirement of Couplings, based on the submitted details by the DGMs (RSC) & PDs.

* 1. **PQ of Manhole Covers**

A Document has been prepared for the above PQ and was submitted to SBDRC for comments, after inclusion of Annual requirement of Manhole Covers, based on the submitted details by the DGMs (RSC) & PDs.

**4. SLS Standards**

**4.1 Establishing SLS Standards for Water Fittings**

On behalf of the National Water Supply & Drainage Board (NWSDB), 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 |

**4.2** **Comments on review of Sri Lanka Standard SLS 701-1985**

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

The working groups appointed under the Sectional 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.

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| AGM (M & E-Services) to comment on the recommendations | |
| **15-08-2012** | **Action :**  **AGM (M & E-Services)** |

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

The draft was circulated among SBDRC members.

SBDRC decided to appoint Specialists for water and sewerage together with AGM (R&D) and Chief of Laboratories to review the changes and to comment.

A letter has been sent to Specialist (Water Treatment), Specialist (Sewerage), AGM (R&D) and Chief of Laboratories to review the draft and report to SBDRC. Report from the specialist (Water Treatment) was received.

A letter was sent to SLSI mentioning that NWSDB does not agree with the draft and requested an appointment to discuss the same. SLSI has informed that they will give an appointment for a discussion early.

Addl. GM (CS) has convened a meeting among Addl. GM (SE), AGM (Doc), Water Treatment Specialists and Sewerage Specialist discussed the difference between earlier standard and the proposed standard.

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| It was decided to inform Chief of Laboratories to prepare a table comparing SLS current standard, SLS proposed standard, WHO and AWWA standards.  Difference observed, possible reasons for those differences and acceptance of same to be included. | | |
| **15-08-2012** | **Action :**  **Chief of Laboratories** | **Follow up:**  **Addl. GM (CS)** |

**4.4 PE Pipes and Fittings**

The Committee appointed to recommend a standard out of ISO 4427 and EN 12201 for PE pipes, has recommended EN 12201:2011 to be used as SLS standards for PE pipes.

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| SBDRC accepted the committee recommendation. A meeting with SLSI to be organized. | |
| **20-08-2012** | **Action:**  **AGM (Doc)** |

**5. Issues in SBDs**

**5.1 SBD for Supply and Delivery of DI Pipes, Fittings, Specials, Accessories DI/CI Valves, Manhole Covers and Surface Boxes**

Procurement Committees sometimes award the contracts Bill wise on Supply of DI Pipes and Supply of DI Valves and Accessories to different contractors.

In general, DI pipe components is much higher than that of Valves & Accessories component.

Hence suppliers reluctant to go for L/C payments due to the high percentage of expenses to be born outside the country.

Hence payment system of TT (Telegraphic Transfer) should be included to above SBDs with an option of furnishing an Advance Payment Guarantee for full amount by the local agent.

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| The proposed clause was circulated at the SBDRC meeting and to be included into SBDs [DI foreign & DI (5-25 million) ] accordingly | |
| **15-07-2012** | **Action:**  **AGM (Doc)** |

**5.2 Contract Act No. 3-1987 (Public Contracts)**

AGM (T&C) has informed that he had discussed this matter with the Registrar of Contracts and confirmed that Registration of Contracts above Rs. 5.0 million to be done for all contracts.

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| All SBDs to be corrected accordingly. | |
| **15-07-2012** | **Action:**  **AGM (Doc)** |

**5.3 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 & special machinery to be included in the specification.

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| A SBD for pipe laying with proposed amendments to be prepared. | |
| **30-08-2012** | **Action:**  **AGM (Doc)** |

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| A presentation to be arranged with Sierra and Access to discuss how they did Micro Tunneling. | |
| **25-08-2012** | **Action:**  **AGM (Doc)** |

**5.4 Past experience in construction of reservoirs.**

AGM (Doc) has forwarded a letter requesting to consider,

1. the bidder’s experience as subcontractor to be considered to qualify the Bidder and
2. to revise the qualification criteria for Ground Reservoirs.

After considering the request, the SBDRC has taken the following decisions.

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| 1. The past experience of the bidder as a sub contractor shall also be considered in the assessment of Minimum Qualification Criteria. 2. The minimum capacity of the reservoir construction shall be revised as follows.  * If the capacity larger than 450m3 - Minimum of 450m3 reservoir * If the capacity less than 450m3 – same capacity reservoir  1. To revise the SBDs accordingly | |
| **15-07-2012** | **Action :**  **AGM (Doc)** |

**5.5 Waiver of Performance Security for small contracts**

AGM (T&C) forwarded a letter (T & C/Gen/Misc/2012 dated 03 May 2012) requesting to waive off the performance security for the contracts less than Rs. 500,000/-. The SBDRC has discussed this in length and has come to the following decision.

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| SBDRC discussed and decided to waive off the Performance Security for Supply Contracts up to Rs. 250,000/= and this shall be included in the relevant clause for the Performance Security of Supply SBDs. | |
| **15-07-2012** | **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 - DGM (PC) - Member

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

W. Ilangasingha - PD (TSKWSP) - Member

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| The committee has completed the report and already circulated among DGM (RSCs) for comments.  Final report to be forwarded to SBDRC after accommodating the views of DGM (RSC’s). | |
| **15-08-2012** | **Action :**  **DGM(P&D)/Addl.GM(S/E)** |

**6.2 Guidelines for Pre-Shipment Inspection by NWSDB Engineers.**

SBDRC has prepared a paper to DPC showing the guidelines for assigning Pre-Shipment Inspection by NWSDB Engineers.

The same was forwarded to DPC and accepted by the DPC.

**Annex1**

**PROGRESS OF SPECIFICATIONS PREPARATION COMMITTEES**

**As at 24-07-2012**

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| **Sr**  **No.** | **Key** | **Title/Chairman** | **Progress** | **Action by / Date** | **Present**  **Status** |
| 01 | S10 | Specifications for Sewerage Valves.  Chairman –  **Addl.GM(Sew)**  **Mr. G.A. Kumararathna** | Addl. GM (Sew)/ Chairman – SBDRC to check these with the current practice in the developed countries. | Addl. GM (Sew)  30-08-2012 | To be reviewed |
| 02 | S12 | Updating Specification in Plant & Design-Build Contract for Civil and M&E Works  Committee Chairman –  **Addl. GM(SE)/DGM (P&D),**  **Mr. D.S.D. Jayasiriwardene** | Committee was appointed. Work is in progress. | Addl. GM (SE)  15-08-2012 | Work in progress |
| 03 | S13 | Specification for Cationic Polymer for Waste Water Sludge Treatment  Committee Chairman –  **AGM (R&D),**  **Mr. S. Sumanaweera** | Specification were uploaded to NWSDB web site. |  | Uploaded to web |

**PROGRESS OF SBD PREPARATION COMMITTEES**

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| **Sr**  **No.** | **Key** | **Title** | **Progress** | **Action by / Date** | **Present**  **Status** |
| 04 | D10 | NWSDB/SBD/Civil – FIDIC/Ver 1  SBD for Foreign Funded Project – Work Contracts designed by the Employer.  Committee Chairman  **Addl.GM(CS),**  **Mr. K.R. Dewasurendra** | Comments included and AGM (Doc) to scrutinize. | AGM(Doc)  30-08-2012 | To be uploaded to Web |
| 05 | D20 | SBD for Water Meters  Committee Chairman – | AGM (M&E- Services) to handover soft copy of the corrected specification to AGM (Doc). | AGM (M&E-Services)  08-08-2012 | Soft copy to be handed over |
|  |  | **Addl. G.M.(Sewerage)**  **Mr. G.A. Kumararathna** |
|  |  |  | AGM (Doc) to compile and upload to web. | AGM (Doc)  10-08-2012 | To be uploaded to web |
| 06 | D22 | SBD for Design & Build – ICTAD  Committee Chairman –  **DGM (E)**  **Mr. M.K. Hapuarachchi** | Committee appointed. | DGM (E)  20-09-2012 |  |

**Outstanding SBDs/Specifications – As at 10 July 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% | \* 4 | 08-08-2012 |
| 2 | D22 | SBD for Design & Build – ICTAD |  | \* 1 | 20-09-2012 |
| 3 |  | PQ document for Couplings and Flanged Adapters | 98% | \* 2 | 30-08-2012 |
| 4 |  | PQ document for Manhole Covers | 98% | \* 2 | 30-08-2012 |
| 5 |  | SBD for Laying | 95% | \* 5 | 30-08-2012 |
| **Specifications** | | | | |  |
| 6 | S10 | Preparation of Specification for Sewerage Valves | 95% | \*6 | 30-08-2012 |
| 7 | S12 | Updating Specification in Plant & Design – Build Contract for Civil and M& E Work | 50% | \*1 | 15-08-2012 |
| 8 |  | Specification for Ferrules | 99% | \* 4 | 10-08-2012 |

***Note :***

\*1 - Documents to be submitted to the SBDRC

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

\*4 - AGM (M&E-Services) to hand over softcopy of the corrected specification.

\*5 - SBDRC comments to be included and re-circulate among SBDRC member for discussion.

\*6 - Addl. GM (Sew)/ Chairman – SBDRC to check these with the current practice in the developed countries.