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

**MEETING NO. 06/2012**

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

**Date** : 29-05-2012

**Time**  : 1.30 p.m

**Present**

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

As discussed in previous meetings following actions to be done.

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|  1. Specification of the ferrules to be revised according to the new drawing developed by M & E –Services Section
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|  **30-06-2012** | **Action:**1. **AGM (M&E-Services)**
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* 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.

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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. Specialized service to be obtained from Rubber Research institute, University of Moratuwa.
3. All the correspondents to be forwarded to AGM(T & C) for follow up, with Manufacturers.
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| **30-06-2012** | **Action:**1. **AGM (M&E-Services)/**

 **AGM (Procurement & Contract)** |
| **15-06-2012** | **Action:**1. **AGM (Doc)**
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| **30-05-2012** | **Action:**1. **AGM (Doc)**
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1. **Prequalification (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.

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| Corrected Document will be submitted to SBDRC for comments, after inclusion of Annual requirement of Couplings, based on the submitted details by the DGMs (RSC) & PDs.  |
| **30-06-2012** | **Action:** **AGM (Doc)** |

* 1. **PQ of Manhole Covers**

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| A Document has been prepared for the above PQ and to be circulated for comments. Corrected Document will be submitted to SBDRC for comments, after inclusion of Annual requirement of Manhole Covers, based on the submitted details by the DGMs (RSC) & PDs.  |
| **10-07-2012** | **Action:****AGM (Doc)** |

**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 goal, “Procurement of quality goods and services to assure sustainable supply of water for all”.

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| Progress to be reported to SBDRC. |
| **25-06-2012** | **Action:****PD (GKWSP)** | **Follow up:****AGM (Doc)** |

**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 |
| **25-06-2012** | **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. A letter was sent to SLSI inquiring the changes made from the previous version and the basis of the changes.

SBDRC decided to appoint Specialists for water and sewerage to review the changes and to comment.

A letter has been sent to Specialist (Water Treatment) and Specialist (Sewerage) to review the draft and report to SBDRC. Report from the specialist (Water Treatment) was received.

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| 1. A letter to be sent to SLSI mentioning that NWSDB not agree with the draft and requesting an opportunity to discuss the same.
2. Specialist (Water Treatment) to discuss with SLSI on the practical issues in the draft standard to come to a workable agreement.
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| **20-06-2012** | **Action:**1. **AGM (Doc)**
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| **20-06-2012** | **Action:****b) Specialist** | **Follow up:****AGM (Doc)** |

**5. Issues in SBDs**

**5.1 SBD for Supply and Installation of Pumps**

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| An instruction sheet on how to use the Standard Specifications submitted by AGM (M & E-Services) to be uploaded to web, with the Specification.  |
| **24-05-2012** | **Action:** **AGM (Doc)** |

**5.2 SBD for Supply of Valves**

Payment system of TT (Telegraphic Transfer) should be included to SBD for Valves with an option of furnishing an Advance Payment Guarantee for full amount by the local agent, as the Contract Value is generally less than DI Pipe Contract.

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| The proposed clause was circulated at the SBDRC meeting and to be included into SBDs [DI foreign & DI (5-25) ] accordingly |
| **31-06-2012** | **Action:** **AGM (Doc)** |

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| It was discussed that design of valves connected with pipeline is not done correctly. Therefore, decided to check the possibility of obtaining training facilities from an expert valve designer to train NWSDB Engineers on design of valves connected with pipelines.Also decided to check this from reputed valve manufacturers such as VAG or AVK and Tyco. Letters have been sent to VAG, AVK & Tyco on this. VAG has responded positively.To be followed up closely. |
| **15-06-2012** | **Action:** **AGM (Doc)/DGM (P&D)** |

**5.3 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.

**5.4 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. |
| **15-07-2012** | **Action:****AGM (Doc)** |

**5.5 Insurance Bond and Guarantees**

AGM (T&C) tabled a letter No. AA3752730 dated 26-03-2012 from Insurance Corporation Limited., which states that Insurance Corporation Limited will not issue bonds/guarantees. According to the Insurance Act also Insurance Companies cannot issue bonds.

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| Hence SBDRC decided that Insurance Bonds/ Guarantees should not be allowed in future. Document has been corrected and a Board circular to be issued accordingly. |
| **30-06-2012** | **Action:****AGM (T&C)** |

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

AGM (Doc) has forwarded a letter requesting to consider the bidder’s experience as subcontractor to be considered to qualify the Bidder and to revise the qualification criteria for ground reservoirs.

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

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| 1. The past experience of the bidder as a sub contractor shall be considered under the qualification of the bidder.
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
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| **30-06-2012** | **Action :****AGM (Doc)** |

**5.7 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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| A report to be prepared including the following points and circulate among SBDRC members for their view and shall be discussed again at the next SBDRC meeting.* Pros & Cons of the implementation
* Conditions apply to this if any
* No Advance payments
* No Contract agreement
* Suggest a trial period and monitor contractors performance.
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| **25-06-2012** | **Action :****AGM (Doc)** |

**6. Other Issues**

**6.1 PE Pipes and Fittings**

The report forwarded to PAC by SBDRC on transferring from PVC to PE was approved by PAC.

A Sri Lankan Standard for PE pipes to be prepared based on ISO 4427:2007 and EN 12201:2011.

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| A meeting with SLSI to be organized after finalizing the specification. |
| **30-06-2012** | **Action:** **AGM (Doc)** |

**6.2** **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 - DGM (Western- S)/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 they have already circulated among DGM (RSCs) for comments.Final report to be forwarded to SBDRC after accommodating the views of DGM (RSC’s). |
| **25-06-2012** | **Action :** **DGM(P&D)/Addl.GM(S/E)** |

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

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| SBDRC to present a paper to DPC showing the guidelines for assigning Pre-Shipment Inspection by NWSDB Engineers.The draft was discussed. Comments of SBDRC to be included and to be forwarded to DPC. |
| **28-06-2012** | **Action :****AGM (Doc)** |

  **Annex1**

 **PROGRESS OF SPECIFICATIONS PREPARATION COMMITTEES**

**As at 19-06-2012**

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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**  | Specification Committee submitted the report on 08-05-2012. SBDRC members to comment. | SBDRC members15-06-2012 | SBDRC members to comment |
| Comments if any to be referred to specification committee. | AGM (Doc)22-06-2012 |  |
| Specification committee to consider SBDRC comments | 30-06-2012Spec. committee | Comments to be included |
| AGM (Doc) to upload the final specification to the NWSDB web site. | 06-07-2012AGM (Doc) | To be uploaded |

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| **Sr****No.** | **Key** | **Title/Chairman** | **Progress** | **Action by / Date** | **Present****Status** |
| 02 | S11 | Comparison of PE ISO standards and PE-EN standards for Water & Sewerage Committee Chairman – **AGM (Dev-WC), Mr. K.W. Premasiri** | Committee was appointed. Standards are being studied. | AGM (Dev-WC)30-06-2012 | Work in progress |
| 03 | 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)30-07-2012 | Work in progress |
| 04 | S13 | Specification for Cationic Polymer for Waste Water Sludge TreatmentCommittee Chairman – **AGM (R&D),****Mr. S. Sumanaweera** | Specification Committee submitted the report on 08-05-2012. SBDRC members to comment. | SBDRC members20-06-2012 | SBDRC members to comment |
| If comments are not received to be uploaded to NWSDB web site. | AGM (Doc)25-06-2012 | To be uploaded to web |

**PROGRESS OF SBD PREPARATION COMMITTEES**

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| **Sr** **No.**  | **Key** | **Title** | **Progress** | **Action by / Date** | **Present****Status** |
| 05 | D10 | NWSDB/SBD/Civil – FIDIC/Ver 1SBD for Foreign Funded Project – Work Contracts designed by the Employer. Committee ChairmanDGM(Western-S)/Addl.GM(CS)**Mr. K.R. Dewasurendra**  | SBD was discussed by the SBDRC members. Comments to be included and uploaded to web. | AGM(Doc)22-06-2012 | To be uploaded  |
| 06 | D20 | SBD for Water MetersCommittee Chairman –  | AGM (M&E- Services) forwarded his comments for the Document. The SBD was corrected accordingly and forwarded to AGM (M&E-Services) for his review.  |  |  |
|  |  | Addl. G.M.(Sewerage)**Mr. G.A. Kumararathna** | AGM (M&E- Services) to handover soft copy of the corrected specification to AGM (Doc). | AGM (M&E-Services)26-06-2012 | Soft copy to be handed over |
|  |  |  | AGM (Doc) to compile and upload to web. | AGM (Doc)05-07-2012  | To be uploaded to web |

**Outstanding SBDs/Specifications – As at 19 June 2012**

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| **S.No.** | **Key** | **Title**  | **% Completion** | **Activity** | **Target Date of the Activity** |
| **SBDs**  |  |
| 1 | D10 | SBD for Foreign Funded Project – Work Contracts designed by the Employer (FIDIC) | 98% | \* 3 | 22-06-2012 |
| 2 | D20 | SBD for Water Meters ( ½” & ¾" ) | 98% | \* 4 | 26-06-2012 |
| 3 |  | PQ document for Couplings and Flanged Adapters  | 94% | \* 1 | 30-06-2012 |
| 4 |  | PQ document for Manhole Covers | 90% | \* 1 | 10-07-2012 |
| 5 |  | SBD for Laying  | 95% | \* 5 | 15-07-2012 |
| **Specifications** |  |
| 6 | S10 | Preparation of Specification for Sewerage Valves | 95% | \*2 | 06-07-2012 |
| 7 | S11 | Comparison of PE- ISO Standards and PE–EN Standards  | 80% | \*1 | 30-06-2012 |
| 8 | S12 | Updating Specification in Plant & Design – Build Contract for Civil and M& E Work | 50% | \*1 | 15-07-2012 |
| 9 | S13 | Preparation of Specification for Cationic Polymer for Waste Water Sludge Treatment  | 90% | \*2 | 25-06-2012 |

***Note :***

 \*1 - Documents to be submitted to the SBDRC

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

 \*3 – Documents discussed at the SBDRC meeting, the comments to be included by SBD committee and uploaded to web.

 \*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.