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

**MEETING NO. 04/2014**

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

**Date** : 02-06-2014

**Time**  : 01.30 p.m

**Present**

1. Eng. G.A. Kumararathna - Addl. GM (Sew) - Chairman
2. Eng. K.R. Dewasurendra - Addl. GM (WSP) - Member
3. Eng. (Mrs) K.T.P. Fernando - DGM (PC) - Member
4. Eng. R.H. Ruvinis - DGM(P & D) - Member
5. Eng. M. Abeysekara - AGM (M&E-Services) - Member
6. Eng. U.C. Pathiranage - AGM (P&D-Doc) - Member
7. Eng. S.S.S. Vipulanandan - AGM (Procurement & Contract) - Member
8. Eng. (Mrs) J.P. Malinie - CE (T&C)
9. Eng. (Mrs) D.S.P.R.D. Premachandra - CE (P&D-Doc) - Secretary
10. Eng. (Mrs) K. I. Perera - Eng. (Doc)

**Absent**

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

**Also circulated to:**

Chairman, Vice Chairman, Working Director

General Manager

Addl. GMM (CS, P&P, Western, N/C, F, HRM)

DGM (Dev)/ (M&E), DGM (Supplies), DGMM (RSC) – [Western – C, Western N, Western S, Southern, Uva, Sab, Central, NW, NC, North, East, Production]

AGMM (P&D), Specialists

Project Directors, AGM (MPD&T)

1. **Confirmation of Minutes**
	1. **Previous minutes were confirmed.**
2. **Specifications**
	1. **Ferrules & Water Meters**

AGM (M&E Services) has forwarded the Water Meter Document and it was finalized at the SBDRC meeting with some corrections. Corrected Document was forwarded to
AGM (M&E Services). The same format of Water Meter Document to be followed for Ferrule Document also and AGM (M&E Services) to submit the Document to SBDRC.

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| AGM (M&E Services) has requested to carry out trial procurements of each of the two documents and the response of those procurements to be report to SBDRC. However SBDRC decided to upload the document to the web for comments only, not for Bidding until response is reported to the SBDRC. However AGM (M&E – Services) wishes not to upload the document to the web. AGM (M&E Services) to be handed over soft copy of ferrule Document to AGM (Doc). |
| **15-07-2014** | **Action :**  **AGM (M&E Services)** |

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

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

Addl. GM (Sew) has pointed out to mention the topic as Water Supply &Sewerage Works. All three committees appointed to review the specification have partly completed the review.

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| All three committees have discussed the comments and the amendments are being finalized. One committee notes it has almost completed the review and SBDRC to check the completed part of the document.  |
|  **30-07-2014** | **Action:** **AGM (Doc)/** **SBDRC Members** |

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

**3.1 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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| (a). PQ committee discussed the specifications and comments were incorporated. PQ Committee to be finalized.(b). The period of prequalification of manufacturers to be made limited for two years and no new applications to be proceeded within one year. A letter to be sent to DPC stating this decision.(c). In the case of supply of defective products by the prequalified manufacturer, the issue to be referred to the special committee on contractors performance to stop issuing document. |
| **30-06-2014** | **Action:** **AGM (Doc)** |

**4. SLS Standards**

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

The working committee of the SLSI to consider the comments to finalize SLS Standards for water fittings and draft forwarded. A letter has been sent to SLSI requesting to keep provisions for importation of goods conforms to **BS, EN, ISO,ASTM,DIN,JIS, etc**

Few items of water fittings (Cistern/Water closets) to be standardized at the beginning and to be expanded later.

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|  1. A meeting to be scheduled for the subcommittee Chairman and the PD (GKWSP) & his assistants to discuss the main concerns.
2. Agreement was reached with the SLSI / Department of Imports & Export Controls / Department of Trade Tariff & Investment Policy / Consumer Affairs Authority / Sri Lanka Customs to obtain interim measures to control importation of substandard Cistern/Water closets to Sri Lanka. A gazette to be issued by the Treasury. This should be followed up with Mr. Sarath Gamini.
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| **1)****30-06-2014** | **Action:** **Addl. GM(S/E)/PD (GKWSP)** | **Follow up:****AGM (Doc)** |
| **2)**  **30-06-2014** | **Action:** **PD (GKWSP)** | **Follow up:** **AGM (Doc)** |

**4.2 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**

NWSDB has sent a letter inquiring the legal validity of the SLS standard and requesting 5 years grace period for the implementation of the new standards until improvement of NWSDB schemes are done.

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| 1. This issue to be taken up at the staff meeting.
2. A board paper to be submitted to the Board of Directors seeking advice if the water treatment plants cannot achieve the quality parameters specified in the revised SLS standard. After obtaining comments from Regional DGMM on the new SLS 614 the non-achievable parameters to be highlighted.
3. Revised version of the SLS standard has already been issued. It has to be circulated among all relevant DGMM for comments of water quality parameters specially manganese and practical possibility of following it. After the response a note to be sent to DPC.
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| **30-06-2014** | **Action:** **a) Addl. GM (WSP)** **b) AGM (Doc) / Addl. GM (S/E)**  |

**5 Issues in SBD’s**

**5.1** **New Specifications for** **Supply of GRP pipes & Supply & Lay of GRP pipes for water and sewer applications.**

 Three committees to be appointed to prepare three SBD’s for the following:

1. Supply of GRP pipes & fittings
2. Supply & Laying of GRP pipes & fittings for water applications.
3. Supply & Laying of GRP pipes & fittings for sewer applications.

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| Three committees were appointed and specifications to be submitted. Relevant standards were given. Need to expedite the works. |
| **30-06-2014** |  **Action:** **AGM (Doc)**  |

**5.2 Preliminary item for safety.**

DGM (Costing) stated that it is advisable to introduce a separate item for safety in the preliminary bill to do the payments in the contract. Hence a safety requirement to be prepared and item for safety to be included in the preliminary bill with the requirements to do monthly payments.

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| Safety requirements to be prepared. For the large projects safety officer is compulsory. Include in the document safety officer, safety plan, safety measures while construction, etc with the minimum requirements. |
| **30-06-2014** | **Action:** **AGM (Doc)**  |

 **5.3 Specification of DI flanges in the SBDs.**

AGM (Doc) submitted a note to SBDRC on the flange type specified in the DI specification in the SBD’s. According to the current DI specification, the standard of compliance is BSEN 1092-01 for steel flanges. But the flanges used in the NWSDB and the flanges specified in DI pipe standards (EN 545, ISO 2531) are DI flanges conforming to BSEN 1092-02 and hence seek approval to specify BSEN 1092-02 (DI Flanges) in the specification by defining the flange type as ”DI welded raised faced” flanges.

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| The DI specification were changed accordingly |
| **30-06-2014** | **Action:** **AGM (Doc)**  |

**6. Other Issues**

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

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| A letter was sent under the GM’s signature to include this as an item to ongoing contracts and local bank funding projects. |
| **30-04-2014** | **Action:****Addl. GM (WSP)**  |

**6.2 New design for Clamp Saddles.**

The prototype model prepared by the Mechanical Division of the GKWSP to be demonstrated to Prof. S.D. Pathirana at the University of Peradeniya.

University to finalize the Model, PD (GKWSP) will follow up. Until then the GKWSP has forwarded a proposal on clamp saddles and test bench with calculation for comments. AGM (M&E –Services) informed that the new samples have to be tested for their performance before approval.

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| PD (GKWSP) to fabricate few samples based on the new design and test the performance of the same by installing them at sites and report the outcome to the SBDRC. A letter was sent to PD (GKWSP) informing this. |
| **30-06-2014** |  **Action :**  **PD (GKWSP)/ AGM (Doc)**  |

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

As per the tender board of the MPC tender for water meters, Telawala test bench was calibrated and the certificate obtained. The Kandy test bench yet to get the calibration certificate.

As per the decision taken at the tender board, all the test benches to be calibrated and certified by the SGS. The accreditation shall be obtained from SLAB subsequently.

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

AGM (M&E-Services) stated that Machine is being repaired by Turkish manufacture.

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| Necessary actions to be taken to calibrate and obtain the accreditation for the GKWSP test bench in order to use it for water meter testing. A visit to be arranged to GKWSP with Addl. GM (Sew), Addl. GM(WSP), Addl. GM (S/E), DGM (M&E-Services), AGM (M&E-Services). Arrange a meeting while Turkish manufacture is in Sri Lanka in next couple of weeks. |
| **30-06-2014** | **Action :**  **AGM (M&E Services)** |

**6.4**  **A SBD for Supply & Installation of Aluminium Partitions.**

AGM (DOC) has informed that few sections have requested to prepare a SBD for Supply & Installation of Aluminium partitions at several occasions. A bidding document for the same has been prepared for the Supplies Section and requested the SBDRC approval to this document to a SBD for Supply & Installation of Aluminium partitions.

SBDRC approved the request of preparation of SBD.

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| Draft Document has been circulated among SBDRC members for comments. The document has been finalized and put in the web. |
|  | **Action :**  **SBDRC Members/ AGM (Doc)** |

**6.5 Discussion with suppliers of Lime**

AGM (P&D – Doc) tabled the minutes of the meetings of the meeting held with AGM (T&C), AGM (JPU), Chief Laboratories on quality of lime and Tender requirements based on the discussion held by Addl. GM (Sew) together with AGM (JPU), AGM (T&C) and Chemical Supplies.

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| Decided,1. extend the validity of Test Certificate for 9 months from the bid closing date
2. Testing methods shall be SLS
3. Testing method shall be given in the Bidding Document.
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| **15-06-2014** | **Action :**  **AGM (Doc)** |

**6.6 In preparation of Engineers Estimates, increase the Basic Cost for Overhead and Profit Component for Supply of Pipes to 20%**

AGM (P&D- Doc) has pointed out the decision taken by the Management to increase the basic cost for overhead and profit for supply of uPVC and DI pipes upto 20%. DGM (P&D) expressed that Chairman required that 20% to be increased to 25%.

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| Check the cost incurred for financial charges, transportation and handling, loading and uploading, insurance, administration over heads, security etc.  |
| **15-06-2014** | **Action :**  **AGM (Doc)** |

**6.7 Database for Trained Plumbers updated by Greater Kandy Water Supply Project**

Greater Kandy Water Supply Project has updated a Data base for plumbers in island wide and they have already trained 23 NWSDB officials including Engineers, Engineer Assistant and Training Officers in each Region as Trainers of the plumbers.

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| inform PD (GKWSP) to prepare an advertisement for the GM’s signature to register plumbers in NWSDB. Request the education qualification, training certificates, experience records, ect… in the application. Registry for plumbers to be maintained.  |
|  | **Action :**  **PD (GKWSP)** |

  **Annex1**

 **PROGRESS OF SBD PREPARATION COMMITTEES**

**As at 02-06-2014**

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| **Sr** **No.**  | **Key** | **Title** | **Progress** | **Action by / Date** | **Present****Status** |
| 01 | D17 | SBD for Supply & Delivery of Gunmetal Ferrules | The same corrections for Water Meter Document to be incorporated and one tender to be called from this document before uploading to the web. | AGM(M&E-Services) 15-08-2014 | Testing in bidding  |
| 02 | D20 | SBD for Supply & Installation of Aluminium Partitions | Draft document prepared. | AGM (Doc) 30-06-2014 | Document circulated among SBDRC member comments awaited |
| 03 | S15 | Specification for Supply of GRP Pipes, Fittings for Water & Sewerage Applications | Committees appointed as below;Mrs. K.T.P. Fernando, DGM (PC) - Chairman Mr. U.C. Pathiranage - AGM (P&D-Doc) Mrs. K.P.P. Dharmasena - CE (P&D- Sewerage) | AGM (Doc) 30-06-2014 |  |

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| **Sr** **No.**  | **Key** | **Title** | **Progress** | **Action by / Date** | **Present****Status** |
| 04 | S16 | Specification for Supply & Laying of GRP & Fittings for Sewerage Applications | Committees appointed as below;Mr. S.G. Jayawardene, DGM (Sewerage) - Chairman Mr. G.G. Sudarsan - CE (P&D-Sewerage) Mrs. H.P.L.D. Buddhika - Eng. (P&D-Sewerage) | AGM (Doc) 30-06-2014 |  |
| 05 | S17 | Specification for Supply & Laying of GRP Pipes, Fittings for Water Applications. | Committees appointed as below;Mr. K.W. Premasiri, DGM (North) - Chairman Mr. D.P.M. Chandana - Project Manager (GPOBA) Mrs. Renuka Gurusinghe – Eng. (P&D-C,N)  | AGM (Doc) 30-06-2014 |  |
| 06 | D9 | Reviewing of Particular conditions /Employer’s Requirement of FIDIC Plant Design & Built SBD  | To be done by the previous committee as below;Mr. D.S.D. Jayasiriwardene, Addl. GM (S/E)- Chairman Mr. K.R. Devasurendra - Addl. GM (WSP)Mr. Mangala Abeysekara – AGM (M&E Services)Mr. K.J.V.A. Perera – DGM (East)Mr. K.W.Premasiri – DGM (North)Mr. U.C. Pathiranage - AGM (P&D-Doc) Mrs. Srima De Silva – DGM (Costing) | AGM (Doc)30-06-2014 |  |

**Outstanding SBDs/Specifications**

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| **S.No.** | **Key** | **Title**  | **% Completion** | **Activity** | **Target Date of the Activity** |
| **SBDs**  |  |
| 1 |  | PQ document for Couplings and Flanged Adapters  | 95% | \* 3 | 30-06-2014 |
| 2 | D17 | Document for Ferrules  | 100% | \* 3a | 15-08-2014 |
| 3 | D9 | Reviewing of Particular conditions /Employer’s Requirement of FIDIC Plant Design & Built SBD | 5% | \* 2 | 30-06-2014 |
| **Specifications** |  |
| 4 | S12 | Updating Specification in Plant & Design – Build Contract for Civil and M& E Work | 85% | \*1 | 30-05-2014 |
| 5 | - | ICTAD Specifications for Water Supply, Sewerage and Strom Water Drainage Works | 80% | \* 1 | 30-07-2014 |
| 6 | S15 | Specification for Supply of GRP Pipes, Fittings for Water & Sewerage Applications | 5% | \* 2 | 30-06-2014 |
| 7 | S16 | Specification for Supply & Laying of GRP & Fittings for Sewerage Applications | 5% | \* 2 | 30-06-2014 |
| 8 | S17 | Specification for Supply & Laying of GRP Pipes, Fittings for Water Applications. | 5% | \* 2 | 30-06-2014 |

***Note :***

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

\*2 - Works are in progress

 \*3 -Comments of the PQ committee to be accommodated & sent for T& C for calling of applications.

\*3a – Same corrections to be done and test once in bidding.