

Sub: Release of Fund to U.L.B  
for UIDSSMT work

Letter of the Chairman, Korseong Municipality requesting <sup>for</sup> first instalment of fund under UIDSSMT, Dated 2.11.09 is placed below. We have received fund as below:

C.S : Rs 500.64 Lakh ✓  
S.S : Rs 125.159 Lakh ✓  

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Total : Rs 625.799 Lakh ✓

It is <sup>now</sup> proposed to release 50% of the above fund ~~and~~ because work orders have been issued for work of S.T.Ps.

Fund proposed to be released now:

C.S : Rs 250.32 Lakh ✓  
S.S : Rs 62.58 Lakh ✓  

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Total : Rs 312.90 Lakh ✓

Rs 312.90 Lakhs is proposed to be released in favour of Korseong Municipality for the present.

*(Signature)*  
4.11.09

*(Signature)*  
9/11/09

Further action being initiated from File No. SUDA-178/2009 (Pt. - I).

*(Signature)*  
05-11-09

*(Signature)*

~~Director,  
SUDA~~

~~FO~~

~~CEA~~  
~~SKM~~

~~No.~~  
~~IA SUDA~~

**Sub: Substitution of Stoneware (SW) and Cast Iron (CI) pipes by DWC HDPE pipes for use as Sewerline in the Sewerage Scheme in Kurseong Municipality under UIDSSMT**

Memo No. ME/2023/ID-134/06 dated 29.03.2013 from Chief Engineer, MED In connection with the above subject placed in file below may kindly be seen.

It may be recalled that a Sewerage Scheme in Kurseong Municipality under UIDSSMT was sanctioned by Government of India in the year 2007-08 (March, 2008). at an approved cost of Rs. 1251.59 lakh. Due to various reasons, implementation of the programme has been delayed and 2<sup>nd</sup> installment of ACA could not be drawn as yet.

In the approved DPR, sewerlines of diameter 150 mm to 300 mm were proposed to be SW pipes and those of diameters 400 & 450 mm to be CI pipes.

Now, Chief Engineer, MED in his proposal referred to above have stated that SW pipes in the Sewerage network may not be suitable in the hilly region in consideration of its vulnerability in transportation, handling and installation. Further, it has been stated, SW pipes with available length of only 0.75 mtrs. when laid as sewers may result in higher leakage due to larger number of joints leading to a higher maintenance cost. Further, CI pipes of higher diameter due to its inordinately high self-weight will be extremely difficult to carry and handle.

A [ The alternate proposal of Kurseong Municipality, Chief Engineer, MED has observed, to substitute SW and CI pipes by DWC HDPE pipes is technically more advantageous for its lighter weight ease of handling, speedy installation and lower number of joints as these pipes are available in 6.00 mtr length.

B [ CPHEEO, the prime regulator of Water Supply and Sewerage Project in the GoI level, has intimated that DWC HDPE pipes may be used in non-pressure Underground Sewerage System vide their Circular No. Q.16011/2007 CPHEEO dated 15.03.2012.

C [ The incremental cost for procurement and laying of DWC HDPE pipes instead of SW and CI pipes for a total length of **27,350 mtr.** (SW- 24,190 mtr. & CI- 3,160 mtr.) has been estimated to be a meagre sum of Rs. 16.50 lakh which may be located in the savings of some other components in the project or may be accommodated in the revised estimate to be prepared in due course.

In view of the above and in consideration of the technical advantages of use of DWC HDPE pipes, the proposal put forward by Chief Engineer, MED may be approved so that the pipes may be procured and laying commenced by the Municipality immediately which will also raise the expenditure level to 70% plus facilitating submission of claim for 2<sup>nd</sup> installment to GoI.

If approved, Chief Engineer, MED will be intimated accordingly to incorporate the substitution in the modified DPR. In the next meeting of SLSC to be convened one these days this proposal will be placed for ratification.

Director

*B. Chakraborti*  
(B. Chakraborti)  
Technical Adviser, SUDA

*S.K. Mukherjee*  
(S.K. Mukherjee)  
Technical Adviser, SUDA

Notes from NSP-2 regarding substitution of Stoneware (SW) and Cast Iron (CI) pipes by DWC HDPE pipes for use as Sewerline in the Sewerage Scheme in Kurseong Municipality under JNNURM (UIDSSMT) Project may kindly be perused. Both Kurseong Municipality, the implementing agency of the project, as well as the Chief Engineer, MED has recommended the said substitution vide their letters placed under flag-'X' & 'Y' respectively which may kindly be seen. The Technical Advisers of SUDA have also corroborated vide their note at 'A' at NSP-2 the views of ULB and Chief Engineer, MED to substitute SW and CI pipes by DWC HDPE pipes which are technically more advantageous for its lighter weight, ease of handling, speedy installation and lower number of joints as these pipes are available in 6.00 mtr. length. It is also in consonance with the guidelines of CPHEEO, GoI as mentioned at 'B' at NSP-2. The incremental cost of Rs. 16.50 lakhs may be located from some other component of the project or may be accommodated in revised estimate to be prepared in due course as mentioned at 'C' at NSP-2.

In view of above, we may agree to the above mentioned proposal as a special case in relaxation of norms and intimate the Chief Engineer, MED to incorporate the substitution in the modified DPR. The above changes may also be ratified in the next meeting of SLSC, if approved.

Secretary  
M.A.Deptt.  
GoWB

*[Signature]*  
Director  
29/1/2013  
*[Signature]*  
30/1/13

U. O. No. SUDA: 80/13  
Dated: 30-01-13  
File- 16/2011

OS D 2DS

Since the issue involves specific technical matters the issue may be discussed at length in the meeting of the state level Technical Committee to be held on 31/1/2013, if considered.

After obtaining the views of the Technical Committee necessary steps may further be taken.

*[Signature]*  
30.1.2013

*[Signature]*  
30/1/13

~~Secretary~~

OSD/BOS

~~Director, SUDA~~

~~IA~~

Note above - This may kindly be put up for discussion in the Technical Committee meeting scheduled on 31.01.

*[Signature]*  
31/1/13

Discussed in the meeting of Technical Committee (28th) on 31.01.2013 & recorded.

*[Signature]*  
4.2.13

Inspection tour to Kurseong in connection with implementation of sewerage scheme under UIDSSMT in Kurseong Municipality proposed to be held on 24.08.2014. This may be informed to the Chairman, Kurseong Municipality as per draft placed in the file.

*[Signature]*  
21/08/14

*[Signature]*  
21/08/14

Director  
TK