

Sub: Techno-Economic Appraisal of DPRs under different components in Swachh Bharat Mission (SBM) including Solid Waste Management.

It may kindly be recalled that in terms of Para.7.8. of Government of India Guidelines for Swachh Bharat Mission a High Powered Committee is required to be constituted and DPRs for projects for various components under SBM including Solid Waste Management (SWM) are required to be approved by the High Powered Committee. Now the DPRs for SWM before these are placed to the High Powered Committee are required to be appraised techno-economically to ensure technical and economic viability of the projects and also conformity of the proposals to the guidelines.

It may be mentioned in this connection that in terms of a decision taken in the Municipal Affairs Department DPRs for SWM projects shall be prepared on a priority basis in respect of ULBs covered under AMRUT, District Head Quarters Town, Corporation Towns and towns of special importance. M.E. Directorate has, in terms of the above decision, has already taken up preparation of a few DPRs which are likely to be completed by March, 2016.

Since field level implementation of SWM projects should commence early, it is necessary that formal appraisal and approval of the projects are completed as early as possible. Now, in terms of Para.7.6 of the guidelines, the State High Powered Committee will authorise Institutes of national repute for appraisal of DPRs under SWM being prepared by MED (or other external agencies if engaged in future). It is proposed that the following Engineering Institutions be considered as Agencies for appraisal of DPRs under SWM.

1. Indian Institute of Technology, Kharagpur (Civil/ Environmental Engineering Departments)
2. Bengal Engineering and Science University, Shibpur, Howrah (Civil/ Environmental Engineering Departments)
3. Jadavpur University, (Civil/ Environmental Engineering Departments)
4. *Institution of Public Health Engineers, India.*

It may also be recalled in this connection that a proposal for constitution of High Powered Committee under SBM has since been forwarded to the M.A. Department vide our U.O. No.281/2016 dated 09.03.2016 (copy placed in file below).

Accordingly, after the High Powered Committee is constituted, proposal for authorisation of Institutes for appraisal of DPRs may be considered as one of the items of Agenda of discussion in its 1st Meeting.

C. S. Dasgupta
17.3.16

J. Mukherjee

Is there any appraisal cost admissible under SBM guideline? Also a draft TOR for appraisal institute re
17.3.16
cat 18/3/16

Director

TR

Notes forgoing.

As regards cost of DPR appraisal by the authorized institutes, it has been mentioned in paragraph 6.6 and 10.5.4 of the scheme Guidelines that the cost of DPR appraisal shall be an admissible component under administrative costs subject to norms as approved by Ministry of Urban Development (MoUD). It may be mentioned in this connection that the State Government has already received an amount of Rs. 1.67 Crore under Capacity Building and A&OE in first instalment of Government of India release for 2014-15. Further, funds under the said head is expected to be received against release of funds for the year 2015-16 also. Dr. Ramakant, Deputy Adviser (PHE), CPHEEO, Ministry of Urban Development was contacted to ascertain if there are any approved norms of the MoUD for Appraisal Costs. It was informed that as of now there are no approved norms.

The Terms of Reference for appraisal of DPRS by the authorized and empanelled institutes shall include :

- Checking conformity of the Table of Contents with those laid down in the Guidelines of CPHEEO Manual.
- Ensuring integrated nature of the project with inclusion of unit operations like collection, transportation, treatment and disposal.
- Checking conformity of the project cost with the financial norms laid down in the Guidelines.
- Checking Physical and Financial viability of the project.
- O&M arrangements for the project and suggestive identification of source of funding for O&M.
- Assessment and Examination of Environmental Impact of the project.

With the above notes the file is submitted to Director for necessary further action.

Director

Latex
22.3.16

V. Mukherji
22.03.16

Latex A suggestive draft to the proposed appraisal
Institute is also placed in file.

V. Mukherji
30.03.16

Dix.

NOTE SHEET

Note from pre-page

SUDA

In terms of para 7.6 of the Schemes Guide lines of SBM(U) circulated by Ministry of Urban Development, Government of India, Institutes of National repute are need to be identified for Techno Economic appraisal of DPRs of SWM projects, before placing the DPRs in the State High Power Committe for approval. Now, as stated at 'A' at NSP-1 reputed Institutes i.e. IIT Kharagpur, IEST, Shibpur, Jadavpur University and Institute of PHE, Kolkata have been proposed for consideration for empanelment as DPR Appraisal Agency. Terms of Reference of the proposed agencies have been mentioned at 'B' at NSP-2.

If considered, a preliminary communication may be made with the institutes proposed above seeking their consent and charges for appraisal. A draft is placed herewith, in anticipation, for kind approval."

Principal Secretary
M.A. Department &
Chairman, SUDA

WJ 30/3/2016
Director, SUDA

Pl. see & put up

me
3/3

U.O. No. SUDA: 298/16
Dated: 30-03-16.
File - 50/88/16

JS

Proposal for Techno-economic appraisal of DPRs of SWM from the 4 institutions of Repute with funding from Capacity building component may be approved.

However, for the towns in north Bengal region, it may be considered whether north Bengal University may also be included in the list of reputed institutions for the towns like Dajalpur, Jalpaiguri, Siliguri, English Bazar etc.

BS/MA

TA
2/4/16

me
5/4/16
me
7/4

Notes and Orders on NSP-03 bottom.
 For appraisal of SWM DPRs of
 towns in North Bengal region,
 Jalpaiguri Govt. Engg. College may
 be considered.
 To that extent the draft letter
 has been revised.

F.L. for signature.

VM
08-09-16

VM
08/16

Kindly issue and dispatch.

VM
08-09-16

O.I. no - 751 dt-08-4-16.

Director

TA

Office

To
Sri Chakrabarti
TA

VM
13-9-16

Seen
13/4/16



letter, ^{from CE, MED} NO ME/38/IP-48/2015 Dt. 12.4.2016

regarding Appraisal of DPRs of SWM Under Swachh Bharat Mission through 'Bhabha Atomic Research Centre' is placed below in this file. In this context it may be mentioned here that with the approval of Principal Secretary M.A. Dept, letters have been sent to 5 institutions including Jadavpur University & Govt. Engineering College, Jalpaiguri for appraisal of DPRs of SWM as per guideline of S.B.M.

(K)

It may be consider, if we can write to 'Bhabha Atomic Research Centre' in this matter & for this approval of Pr. Secretary may kindly be initiated.

Chakravarty
20.4.16

Director.

Earlier approval at MSP-3 may kindly be seen. In addition to the reputed institutes mentioned at 'x' & 'y' (MSP-3), we may include BARC as proposed at 'z' above as per suggestion of CE, MED.

WT
20/4/16

Principal Secretary
M. A. Dept
& Chairman, SWM

l. spine
hms
20/4

U. O. No. SUDA: 384/16

Dated: 20-04-16

File No: 50/2016

JS (MC)
A' above.

So far 5 institutions have been approached for appraisal of DPRs. Till now, a few nos of DPRs have been prepared by MEDC, which may be sent to these institutions in the state.

When ~~more~~ DPR preparation from MEDC will be considerable in number, then the proposed ~~BARC~~ BARC may be explored.

Seen
HM
29.04.16

MA
DPR
29/4/16

20/4/16

Deptt's decision regarding BARC may be noted. Meanwhile, proposals have been received from two organisations viz. Jadavpur Univ. and Instn. of P.H. Engineers, India. We may wait for another proposal at least either from IIST, or IIT KGP or Jal. Engg. College to proceed the matter.

—IM
29.06.16

Sri B. Chakrabarti TA

e-Mail dated 27.06.2016 from Dr. Anirban Gupta, Professor of Civil Engineering, Indian Institute of Engineering Science & Technology (IIST) placed in file below may kindly be seen. Earlier, Expression of Interest (EOI) for appraisal of DPRs under SWM from Institution of Public Health Engineers, India (IPHE), Jadavpur University and IIT Kharagpur were received at this office. Response from Government Engineering College, Jalpaiguri is awaited.

Since the matter is required to be processed early it is suggested that we may go ahead pending proposal from Government Engineering College, Jalpaiguri.

A Comparative Statement (CS) of the offers received from the four Institutions is furnished in Annexure-I placed in file below.

It may kindly be recalled in this connection that the five Institutions to whom intimations were sent requesting for EOI were provisionally identified with the approval of M.A. Department subject to authorisation of the High Powered Committee (reconstituted Apex Committee under the P&RD Department for which a proposal has since been moved from SUDA).

Under the circumstances stated, it is proposed to convene a meeting with the Institutions from which response has been received to arrive at a decision regarding entrusting the assignment of appraisal of DPRs of SWM already prepared by MED and other Agencies to the selected Institution/s. With the approval of competent authority, a meeting may be convened in the 2nd week of July, 2016. Jalpaiguri Government Engineering College from where the response is awaited may also be requested to attend the meeting.

Submitted for further instructions.

Director/SUDA

Chandra
30/6/16

Mukherji
Technical Advisor, SUDA. 30.06.16

C.I. - as proposed. Mtg on 8th at 12 hrs at SUDA

A draft meeting notice is placed in file below for approval

*O.I. no-947
dt-01-07-16*

*11
01-7-16*

g

TA

Dip. TA

A meeting was held at this Office on 08.07.2016 with representatives of IIT Kharagpur, IIST Shibpur, Jadavpur University and Institution of Public Health Engineers, India (IPHE). Jalpaiguri Government Engineering College did not send any representative. In the meeting the Terms of Reference for appraisal of the DPRs and other terms and conditions were discussed in detail.

The following Terms of Reference for appraisal were generally agreed:

- Checking conformity of the Table of Contents with those laid down in the Guidelines of CPHEEO Manual.
- Ensuring integrated nature of the project with inclusion of unit operations like collection, transportation, treatment and disposal.
- Checking conformity of the project cost with the financial norms laid down in the Guidelines.
- Checking Physical and Financial viability of the project.
- O&M arrangements for the project and suggestive identification of source of funding for O&M.
- Assessment and Examination of Environmental Impact of the project.
- Checking compatibility of proposals in the DPR with actual field conditions.
- Checking whether waste sampling was done in the field level.
- Optimal use of the compactor.
- Selection of site for treatment/disposal.
- Life of the dumping ground.
- Optimisation of transportation system.
- Selection of appropriate technological options vis-à-vis options suggested by MoUD.
- Time of completion, population projection etc.

It was also discussed that the Appraisal Agencies will be required to point out the shortcomings in the DPR prepared and to suggest measures for making good the shortcomings if necessary by preparation of a modified DPR. It was generally agreed that after compliance with the observations of the Appraisal Agency by the Agency for DPR preparation, the matter will be referred back to the Appraisal Agency for their comments.

As regards fees for appraisal it was generally agreed that SUDA may fix up a flat rate depending on some criteria like project cost or town population and that travelling expenses are to be paid in addition.

As regards the fees payable to the Appraisal Agencies it may be seen from paragraph 7.6 of Scheme Guidelines (Flag-'X') that the cost of DPR appraisal by these institutes shall be an admissible component under Administrative cost subject to norms as approved by MoUD, Government of India. The Government of India releases funds to State under the head "Capacity Building (CB) and A&OE". A proposal for CB and A&OE for Rs. 13.00 Crore for 2016-17 is pending with Government of India. During a recent visit to the Ministry the

matter was discussed with relevant officials and it was given to understand that appraised fees may be paid from A&OE funds.

As regards the scale of payment, a copy of memo no. A-12011/34/2009-NRCD-II dated 04.06.2010 of Ministry of Environment and Forests, Government of India (Flag-'Y') may kindly be seen. It may be seen that the accepted rates for evaluation of DPRs related to conservation of River Ganga by Jadavpur University was Rs. 1.5 Lakh for project cost upto Rs. 50 Crore. The rates quoted by the four Institutes may be seen in the Comparative Statement (Flag-'Z') in the file. It may be seen that the minimum rate offered by IEST, IIT Kharagpur and IPHE is Rs. 2.00 Lakh per DPR of project cost Rs. 50 Crore. Considering the escalation during the intervening period and also the rates offered by the prospective Agencies minimum fees has been proposed as Rs. 2.00 Lakh.

At present five DPRs prepared by MED are ready for appraisal. Following the discussions with representatives of the prospective Appraisal Agencies it is proposed that the following scale of fees may be paid to the agencies. *This is to be mentioned that these rates are lowest amongst the rates offered.*

- Rs. 2.00 Lakh for project cost less than Rs. 50 Crore
- Rs. 2.50 Lakh for project cost from Rs. 50 Crore to Rs. 100 Crore
- Rs. 3.00 Lakh for project cost above Rs. 100 Crore

In addition, reimbursement of travelling expenses upto Rs. 50,000/- (one time) may be paid to the agencies subject to actuals. Statutory taxes and charges as required will be paid extra.

For the present each of the four prospective agencies may be awarded one DPR each for appraisal with the rider that the assignment shall be completed within 30 days. A Memorandum of Agreement (MoA) incorporating the terms of reference, fees structure, terms and milestones for payment, penal clauses if any and such other points will be executed between SUDA and the Agency.

It may be pointed out in this connection that the names of the agencies were identified in anticipation of approval of HPC. Therefore before awarding work to any of the agency's approval of Chief Secretary may be obtained. It may be recalled in this connection that a proposal to reconstitute the Apex Committee under P&RD Department (to function as HPC) has since been moved from this Office.

Submitted for consideration.

For 22/7/06

~~Director, SUDA~~

Note at MSP 8 & 9 ante
 may kindly be pursued regarding selection
 of Appraisal agency for SWM, ODR under SBM(U).
 The proposal, at 'A' & 'B' ^(MSP-9) regarding ^{cost} of
 appraisal and travelling expenses as agreed
 in the meeting with selected Agencies
 may be considered. It may be mentioned that
 Mr. D. G. in recent meeting at Delhi has
 indicated that appraisal cost can be borne
 out of CB & A-EOE fund of SBM(U).
 If approved further necessary actions
 as mentioned at 'c' at MSP-9 will be taken
 from this end, so that Agency conducts
 the appraisal at an early date, preferably
 within one month.

WT
 22/07/16

~~Secretary, MA JCRK
 & Chairman SUDA~~

Please put up a brief note, duly
 typed for obtaining approval of CS, as
 Chairman SHRC.

22-07-16

U.O. No. SUDA: 501/16
 Dated: 23-07-16

F.No. 50/2016

~~Director SUDA~~

Adal. M.D. (SHRC)

Sub: Appraisal of SWM DPRs by Appraisal Agencies

1. As per Guidelines of Swachh Bharat Mission (Urban), DPRs for Solid Waste Management (SWM) projects are required to be approved by the State High Powered Committee (SHPC) with Chief Secretary as the Chairman.
2. A proposal to reconstitute the existing Apex Committee under P&RD Department with induction of a representative from Ministry of Urban Development, Government of India to function as SPHC has been moved from this Office.
3. Before the DPRs are placed before SHPC, these are required to be appraised techno-economically to ensure technical and economic viability of the projects and also conformity of the proposals to the Guidelines.
4. The SHPC will authorize the Institutes of National repute for appraisal of DPRs under SWM.
5. The proposed Engineering Institutes to be engaged as appraisal agencies are:
 - Indian Institute of Technology, Kharagpur
 - Indian Institute of Engineering Science and Technology (formerly BESU), Howrah
 - Jadavpur University
 - Institution of Public Health Engineers, India
6. The scales of fees payable to the appraisal agencies considering lowest quotes as well as the prevalent practice are:
 - Rs. 2.00 Lakh for project cost less than Rs. 50 Crore
 - Rs. 2.50 Lakh for project cost from Rs. 50 Crore to Rs. 100 Crore
 - Rs. 3.00 Lakh for project cost above Rs. 100 Crore

In addition, reimbursement of travelling expenses upto Rs. 50,000/- (one time) may be paid to the agencies subject to actuals. Statutory taxes and charges as required will be paid extra.

The above proposal is placed for kind perusal and approval.

Director, SUDA

26/7/16

Note pre-page may kindly be perused.
Proposal may kindly be considered and
prior approval of Chief Secretary as Chairman,
SHPC (Apex Committee under Mission Nirmal
Bangla) may be obtained for engagement
of Appraisal Agencies for SWM projects.

WT
26/7/2016

Secretary, MA Deptt
& Chairman, SUDA

U.O.No. SUDA: 310/16
Dated: 25.7.16 / 27/7/16
Pt. 50/16.

This is regarding approval of Solid waste
Management Projects under SBM programme.
CS & Chairman HPC may kindly
~~considerate~~ accord approval of
note on para 7/1 on 7/11. Post facto
Approval will be obtained in High
powered Committee of Mission Nirmal
Bangla in due course.

WT
27.07.2016

WT
28/7/16

CS
Secy

Approval of CS above.

Please issue orders and expedite
appraisals.

WT
29.7.2016

Director SUDA
TA

Order above. Pl put up early.
WT 4/8/16

Draft Terms & Conditions for Appraisal of Detailed Project Reports of SWM Projects in ULBs of West Bengal under SBM(U) is placed below.

F.A, SUDA may please see for onward submission to Director, SUDA & Secretary, M. A. Dept.

Chakrabarti
2/8/16

RN
02/08/16

Terms and Conditions of Payment as stated at the Appraisal of DPR of SWM under SBM(U) seems to be in order and may be approved for payment from A&OE Component of SBM(U).

Letter to 4 institutes may also pl. be signed.

WJ
02/08/16

WJ
2/8/16

F.A, SUDA

Director

TA

It may kindly be recalled that the Chief Secretary and Chairman, State High Powered Committee (HPC) under SBM(U) had kindly approved the four proposed Institutes to function as Appraisal Agencies for SWM DPRs including the scale of payment of fees vide notes and order on N.S.P. 11-12 ante. The said four Institutes were thereafter requested to return to this office the set of Terms of Reference (TOR) and other conditions of awarding the assignment duly signed and sealed as a token of their acceptance and agreement vide this office Memo No. SUDA-15/2016/1171 dated 02.08.2016. The said Institutes were also requested to let this office have a list of Key Experts in the Institute who will be attached with the appraisal process.

Now, out of the said four Institutes, a replies have been received from Institution of Public Health Engineers, India and IIT, Kharagpur. In their reply Institution of Public Health Engineers, India has returned the ToR to this office duly signed and sealed. Also a list of experts who will be attached with the appraisal process has been furnished vide memo no. IPHE/7087/2016 dated 06.08.2016. It may be seen that the Institutions has setup an Expert Committee for this purpose with Senior Public Health Engineers retired from KMDA and Academicians retired from All India Institutes of Hygiene and Public Health. IIT, Kharagpur in its reply has stated that they will be able to evaluate their ability to appraise the DPRs within the specified period only after seeing the DPRs. It has also mentioned in their letter (e-mail dated 05.08.2016) that they would need 3-4 months for appraisal due to their hectic academic schedule. It has also mentioned in their letter that since no advance payment is to made SUDA may arrange for all the field visits with one of its officer escorting the IIT team. A suitable reply will be sent to IIT, Kharagpur in due course.

Replies from the other two Institutes viz, Jadavpur University and IEST, Shibpur are awaited. We are following up with these Institutes for an expeditious reply.

Now so far the following 5(Five) DPRs have been prepared by MED:

Sl No.	Details of Project	Estimated Project Cost
1.	Cluster mode project involving Dum Dum , North Dum Dum, South Dum Dum and Baranagar Municipalities	: Rs.120.03crore
2.	Cluster mode project involving Krishnagar, Nabadwip and Santipur Municipalities	: Rs.49.54crore
3.	Jalpaiguri Municipality	: Rs.11.85crore
4.	Cluster mode project involving Ashoknagar -Kalyangarh and Habra Municipalities	: Rs.31.89crore
5.	Halisahar Municipality	: Rs.14.78crore

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NOTE SHEET

SUDA

In addition a DPR (only collection and transportation portion for SWM in Asansol MC) has been received from the Ministry of Urban Development, Government of India. It is to be ascertained from the Ministry if this DPR needs to be appraised.

In consideration of what have been stated in the foregoing paragraphs a decision regarding awarding a DPR for appraisal may be taken. In anticipation a draft Work Order is placed in file.

Director, SUDA

TUO, SUDA 12/08/16

Technical Advisor, SUDA

12-08-16

Note from prepape. Considering the urgency of appraisal of DPRs under SWM projects we may initially award the DPRs mentioned at A' prepape to the Institute of Public Health Engineers who has given consent. Appraisal for other DPRs mentioned at B' may be decided after obtaining reply/consent of other Institute/agency mentioned at X prepape.

12/8/16

Secretary, MA Deptt & Chairman, SUDA

May be approved.

17.8.2016

U. O. No. SUDA: 590/16

Dated: 12-08-16

File-85/2016(OTM)

H.M.T.C.

Prof. SUDA

Asst. Secy (SUDA) 22/8/16

The DPRs at 'A' prepape may be given to IPHE for appraisal with request to consult KMDA while appraising the DPRs. KMDA may suitably be informed. Pl. put up draft.

22/8/16

TA

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NOTE SHEET

SUDA

Notes foregoing

As suggested Work Order in favour of Institution of Public Health Engineers, India may be issued awarding the responsibility of Appraisal of the cluster mode DPR for the ULBs of Dum Dum, North Dum Dum, South Dum Dum and Baranagar. They may be requested to consult the concerned officials of KMDA during the appraisal process.

Fair copy of Work Orders placed in file for approval

Sri B.N. Kar,
Addl SMD, SBM.

Director, SUDA

[Signature]
TUO, SUDA 29/08/16

[Signature]
Technical Advisor, SUDA

29-08-16

[Signature]
26/8/16

[Signature]
26/8/16

TA

Work Order has since been issued to IPHE. Acceptance of Terms and Conditions from Jadavpur University, IIST and IIT, Kharagpur are yet to be received. These Organisation may be reminded as per drafts placed in file.

[Signature]
29/08/16

[Signature]
29-08-16

Sri B.N. Kar,
Addl. S.M.D.
SBM.

Director

[Signature]
29/8/16

TA

As desired by Secretary, M.A. Deptt., a meeting in connection with the cluster mode SWM DPR involving Dum Dum, South Dum Dum, North Dum Dum and Baranagar Municipalities may be convened at 1-00 PM. on 06.09.16 at this office with representatives of MED, KMDA and IPHE.

The draft meeting notice placed in file may be approved.

BK
30/08/16

T. Mukherji
30-08-16

Sri B.N. Kar
Asst. S.M.D (SBM)

AW
31/08/16

D/r.

O.I. no - 50/2016/1415/1(3)

Asst. M.J (SBM)

WT
31/8/16



NOTE SHEET



Mail dated 01.09.2016 from Professor Amit Dutta, Associate Professor, Department of Civil Engineering, Jadavpur University in reply to this Office Memo No. SUDA-50/2016/1171 dated 02.08.2016 placed in file below may kindly be seen.

It may be seen from the contents of the letter that Jadavpur University has suggested for an upward revision in the scale of payment of fees for appraisal on the norms fixed up by SUDA earlier. Further, they have also suggested revisions in the reimbursement of travelling expenses and also on the milestones of payment and deadline for submission of the interim report and preliminary report.

In view of the fact that based on the norms fixed up by SUDA, work order has already been issued to one of the empanelled Appraisal Agencies (IPHE), it may kindly be considered if the suggestions put forward by Jadavpur University could be accepted as such. We may request them to kindly agree to the Terms fixed up by us for the sake of uniformity.

Submitted for consideration and further instructions.

B.D.
B.Das
TUO 07/09/16

S.K. Mukherjee
S.K. Mukherjee
TA 07.09.16

Sri B.N. Kar,
Addnl. State Mission
Director, SBM

'x' may be approved.

Am
14/09/16

Am
14/09/16

Draft on x above for kind consideration.

Am
14.09.16

May be approved

Am
14/09/16

Am
15-9-16
Am
15/09/16

Directn, SUDA
Adml. Mgr (SBM)
TA
Am

Sri B.N. Kar.
ADOL. SMD, SBM

Directn, SUDA
Adml. Mgr (SBM)
TA
Am

An desired Notice for a meeting on the Appraisal of the Cluster mode SWM Project involving four VLBs in North 29. Par. District is placed in file for consideration.

— Mukherji
20.10.16

~~Sri B.N. Kar,
Addl. Mission Dir.,
SBM.~~

may be approved.

~~For 20/10/16~~

~~Director, SUDA
TA~~

O-I no- 1804

~~20/10/16~~

dt- 20-10-16

It may kindly be recalled that Institution of Public Health Engineers has been assigned to appraise the DPR for SWM Project for four ULBs namely Dum Dum, North Dum Dum, South Dum Dum and Baranagar.

They have submitted the interim report vide memo no - IPHE/7098/2016 dated 23.09.2016 placed at the file.

Now, we may forward the report to Municipal Engineering Directorate for further action.

[Signature]
20.10.16

~~Addl SMD, SBM(U)~~

may be approved,

[Signature]
20/10/16

[Signature]
20/10/16

~~Director SUDA~~

~~Amj (SBM)~~

May kindly recall NSP-20.

In reply to the Interim Report, Municipal Engineering Directorate has sent their observation, placed in the file.

Now, the observation of MED may be forwarded to IPHE with the request to sort out the issues of the DPRs with the Chief Engineers, MED and submit the final appraisal report at the earliest.

[Signature]
21.10.16.

~~Add. SMD, SRM(v)~~

May be approved.

Draft placed may also be approved.

[Signature]
21/10/16

~~Director, SUDA~~

~~my (SRM)~~

O.I. no 1805
dt. 21-10-16

[Signature]
24/10/16

It transpired from several review meetings on implementation of Solid Waste Management (SWM) Projects in ULBs that the progress is very poor and the projects are pending at different levels. For implementation of the projects in a time bound manner the following actions may now be taken:

1. Constitution of a Technical Committee for appraisal of DPRs under Solid Waste Management.

It is proposed that a Technical Committee with the following Officials may be constituted for examination of DPRs under Solid Waste Management prepared by MED/KMDA/Individual ULBs to ensure conformity of priority fixed up in the State Level and to decide on viability of the model followed in preparing DPRs and to suggest the Technical Terms of Reference for appraisal by the empanelled Appraisal Agency to whom it would be entrusted for appraisal.

- Sri R. M. Chatterjee, DGO, KMDA – Chairman
- Sri Amit Das, Chief Engineer, MED – Member
- Prof. Arunava Majumder, Ex-Director-Professor, All India Institute of Hygiene & Public Health – Member
- Solid Waste Management Expert of Kolkata Environmental Improvement Project (KEIP) – Member
- Sri B. N. Kar, WBCS (Exe.), Additional Director, ILGUS & Additional State Mission Director, SBM(U) – Member Convenor

2. Proposal for appraisal of DPRs by Bhaba Atomic Research Centre (BARC)

Chief Engineer, MED vide his Memo No. ME/38/1P-48/2015 dated 12.04.2016 (CP-58) suggested that SWM DPRs may be got appraised by Bhaba Atomic Research Centre (BARC) in addition to other authorized agencies. In this connection notes and order on NSP-5 ante may kindly be referred to where it was decided that, when considerable number of DPRs will be prepared BARC may be approached for appraisal.

However, at this stage it may be considered if BARC may be approached to express their interest to undertake the appraisal assignment. BARC may also be invited for discussion.

3. Offers of Appraisal received from Jadavpur University, IEST and IIT, Kharagpur

The response from the above three Institutions against this Office Memo No. SUDA-50/2016/1171 dated 02.08.2016 (CP-96) may be seen in this file as stated below:

- Jadavpur University, CP-118
- Indian Institute of Engineering Science & Technology (IEST), Shibpur, CP-147
- Indian Institute of Technology (IIT), Kharagpur, CP-100.

The contents of the response from the aforesaid Institutions are as follows:

- Jadavpur University: Upward revision in the scale of payment of fees, revision in reimbursement in travelling expenses, milestones of payment and dead line for submission of different reports.
- IEST, Shibpur: Upward revision in the scale of payment of fees, revision in reimbursement in travelling expenses, milestones of payment and dead line for submission of different reports.
- IIT, Kharagpur: The quantum of work to be awarded to be intimated in advance. SUDA to make all arrangements for the field visits including providing one official escort. No suggestion on revision of fees and milestones of payment has been made. But, it has been mentioned that the appraisal will be done over a period of 3-4 months against the dead line fixed up by us.

Now that we have entrusted an appraisal assignment to IPHE as per Terms of Reference fixed up by SUDA, it is suggested that we may request the above Institutes for a discussion in a meeting to be convened at the earliest. *BARC may also be requested to participate in the discussions.*

4. Status of DPRs on SWM received from MED and KMDA:

I. MED: The following DPRs have since been received from MED -

- i) Jalpaiguri, ii) Habra-Ashoknagar-Kalyangarh (Cluster mode), iii) Krishnanagar, iv) Nabadwip and v) Shantipur

II. KMDA: The following DPRs have since been received from KMDA -

- i) Bhatpara and ii) Naihati

After a workable decision in the meeting with JU, IEST, IIT, Kharagpur and BARC as proposed above is arrived at the above DPRs may be distributed amongst the 3 to 4 Institutions for appraisal.

Placed for consideration and approval.

[Handwritten Signature]
24/10/16

(B. N. Kar)

Additional Director, ILGUS
& Additional State Mission Director, SBM

Director, SUDA
& State Mission Director, SBM

Note from pre-page .

Proposals at 1) Para - 1 (NSP-22) reg. constitution of a Technical Committee and

2) Para - 2 - reg. appraisal of SWM DPRs by BARC may be approved.

3) Proposal at Para - 3 (NSP-22) may be considered and concerned Agencies may be allowed expenses toward, logistic, additional resource, TR, etc on actual basis over and above fees finalized earlier.

4) Proposal at Para - 4 may be considered.

[Handwritten Signature]
24.10.16

Secretary, P.A. Dept
& Chairmen, SUDA

U/O No - 801/16
dt - 24/10/16
R/S 50/2016

Director SUDA
Add. Dir. (SBM)
[Handwritten Signature]
24/10/16

Draft order for constitution of the Technical committee is placed for kind approval.

AW 25/10/16

WT 25/10/16

~~Director, SUDA~~

~~AMS (SRM)~~

The order issued vide OI NO: SUDA-50/2016/1851 dated 25.10.16. placed in the file.

As per direction, meeting notice of the 1st meeting is placed for kind approval.

~~AW 26.10.16~~

~~AMS (SRM)~~

O.I. no - 1864 dt - 26-10-16

AW 26/10/16

In the Technical Committee for appraisal of DPRs of SWM projects, it was decided that MED will review the DPR of SWM Project of Dum Dum, South Dum Dum, North Dum Dum and Barranagar as per discussion held in the meeting. The same will be forwarded to IPHE for final appraisal.

Now, MED has submitted the revised DPR and the same may be forwarded to IPHE for final appraisal.

If approved, a draft to be placed for kind approval.

[Signature]
2.11.16

~~ADDISMDLU~~

may be approved.

[Signature]

[Signature]
2/11/16

~~Director, SUDA~~

~~MD~~

~~MD~~

Sub: Appraisal of DPR for Integrated Solid Waste Management Projects under Swachh Bharat Mission (Urban) – Government of India directive

It may kindly be recalled that under the guideline of Swachh Bharat Mission (Urban) at Para 10.5.4, it is mentioned that the State High Powered Committee (SHPC) is to authorize institutes of national repute for technical and economic appraisal of DPRs for SWM projects of ULBs.

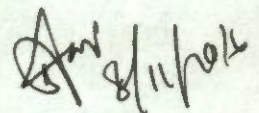
In this connection, Sri Praveen Prakash, Joint Secretary and Mission Director, SBM (U), Ministry of Urban Development, Government of India vide D. O. No. MD-SBM/AA/97/2016 dated 27.10.2016 (placed at CP-161) informed that if the DPR /s have been prepared by third party consultants, the appraisal may be done by a technical arm of the State Government, such as PWD/Public Health/other similar arms, as may be authorized by the concerned Department of the State. Such appraisal may be done by competent approval levels in the technical arms as permissible by extant rules within the State. This appraisal may be considered by the SHPC towards approving projects under SBM (U) and does not require any further /additional appraisal by the institutes of national repute as outlined in the guideline.

In this connection, it may kindly be recalled that

1. The State Government in Municipal affairs Department has constituted a Technical Committee for appraisal of DPRs of Solid Waste Management (placed at CP-149) with a view to examine the DPRs of Solid Waste Management Projects prepared by the Agencies/ULBs, to ensure conformity of priority fixed up in the State Level and to decide on viability of the model followed in preparing DPRs and to suggest the Technical Terms of Reference for appraisal by the empanelled Appraisal Agency to whom it would be entrusted for appraisal.
2. With a view to examine the DPRs of all Solid Waste Management Projects prepared/to be prepared for ULBs, the State Government in Municipal Affairs Department has authorize the Chief Engineer, MED to conduct technical appraisal of all DPRs of SWM Projects by Third Party Agency selected by SUDA or any agency agreed on the rates, as may be selected by the MED (placed at CP-159).
3. It was decided earlier that the preparation and implementation of Integrated Solid Waste Management Project of KMA ULBs will be supervised by Kolkata Metropolitan Development Authority and of Non-KMA ULBs will be supervised by Municipal Engineering Directorate (MED).
4. The DPR for SWM for 4 ULBs namely Dum Dum, North Dum Dum, South Dum Dum and Baranagar has been prepared by MED and under appraisal of Institute of Public Health Engineers, India.
5. The Following ULBs have prepared their DPRs for Integrated Solid Waste Management Project and submitted to the State Government for appraisal/approval:
 - a) Bhatpara in KMA (Standalone Mode)– Prepared by Agency
 - b) Naihati in KMA (Standalone Mode)– Prepared by Agency
 - c) Jalpaiguri in Non-KMA (Standalone Mode) – Prepared by ULB
 - d) Krishnanagar in Non-KMA (Standalone Mode) – Prepared by ULB
 - e) Santipur in Non-KMA (Standalone Mode) – Prepared by ULB
 - f) Nabadwip in Non-KMA (Standalone Mode) – Prepared by ULB
 - g) Habra-Ashoknagar-Kalyangarh in Non-KMA (Cluster Mode) – Prepared by ULBs

Now, considering the above issues and the recent directives of Government of India, it is being proposed that the 7 DPRs of abovementioned 8 ULBs (Point 5) may be appraised by KMDA and MED for the ULBs of KMA & Non-KMA respectively, and the whole process of conducting technical appraisal of all DPRs of SWM Projects may be taken care of by the Chief Engineer, MED.

Placed for consideration and approval.



(B. N. Kar)

**Additional Director, ILGUS
& Additional State Mission Director, SBM (U)**

Proposal at 'A' pre-page (NSP-26) in connection with appraisal of DAs of SWM Projects under Mission Nirmal Bangla (SBM-Urbn) through State Govt. wings i.e. KMDA and MED as per recent directives of Ministry of U.D., GOI (mentioned at 'x' pre-page) may kindly be approved.

~~Secretary, M.A. Dept
& Chairman SUDA~~

WT
8/11/16
all the
by HAKC/HCM.

Yes. Pl. expedite projects, as desired
to 8.11.2016

0/0-842/16

HT-08.11.16

Rhs-50/2016

~~Director SUDA~~

~~Asst. Secy (SBM)~~

11/11/16

~~PM/E~~

11/11/16

Draft letters (Two) for KMDA & MED are placed for kind approval.

15.11.16

~~Asst. Secy (SBM)~~

May be approved.

~~Director SUDA~~

~~Asst. Secy (SBM)~~

WT
15/11/16

Sub: Implementation of Solid Waste Management Rules 2016

Sri Arnab Roy, Principal Secretary, Environment Department, Government of West Bengal vide Memo No. 2322/EN/T-IV-3/005-i/2003 dated 26.10.2016 (placed at CP-213) forwarded a copy of the Solid Waste Management Rules 2016 published by the Ministry of Environment, Forests & Climate Change, Government of India (placed at CP-172 to CP-212) with the request to take necessary action as per the rules.

As the DPRs for Solid Waste Management in the ULBs of West Bengal are being prepared under the guidance of MED in non-KMA areas and KMDA in KMA areas, it may be forwarded to them with the request to take necessary action considering the clauses of the rules.

X

[Signature]
18.11.16

(Sujoy Mitra)

Poverty Monitoring Expert, CMU

Technical Advisor, SUDA

[Signature]
Sri B. N. Khan
Addl S.M.D
SBN

[Signature]
V. Mukherjee

17-11-16

may be approved

[Signature]
17/11/16

X - may kindly be approved -

[Signature]
18/11/16

[Signature]
Director, SUDA

[Signature]
Secretary, MA Dept
& Chairman, SUDA

pl. discuss

U.O.No. SUDA: 500/16

Dated: 18.11.16

File No 50/2016

[Signature]
18.11.16

[Signature]
Addl. Director (Admin)

Discussed.

pl. place after approval of SWM projects in the SPHC.

[Signature]
18/11/16

PME



NOTE SHEET



Sub: Proposal for initiating the tender process for the SWM Projects approved by the State High Powered Committee of Mission Nirmal Bangla (Urban)

It may kindly be recalled that the following 10 Solid Waste Management Projects have been approved by the State High Powered Committee of Mission Nirmal Bangla (Urban)[placed at Flag-A] and forwarded to Finance Department for consideration of fund sharing pattern and State Share.

1. DPR (Phase-I) of four ULBs (in Cluster Mode) namely Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities.
2. DPR of two ULBs (in Cluster Mode) namely Habra and Ashoknagar-Kalyangarh Municipalities.
3. DPR of Jalpaiguri Municipality.
4. DPR of Krishnanagar Municipality.
5. DPR of Santipur Municipality.
6. DPR of Nabadwip Municipality.
7. DPR of Bhatpara Municipality.
8. DPR of Naihati Municipality.
9. DPR of Kolkata MC
10. DPR (Phase-I) of Asansol Municipal Corporation.

"X"

Now, in anticipation of approval of Finance Department, it is being proposed that all the respective authorities of the abovementioned Projects, like Municipal Engineering Directorate (MED) for Non-KMA ULBs, Kolkata Metropolitan Development Authority (KMDA) for KMA ULBs, Kolkata MC, Asansol MC and the other ULBs, may be requested to initiate the process of tendering for implementation of the projects.

Placed for kind approval.

[Signature]
6/2/17
(B. N. Kar)

Additional Director, ILGUS &
Additional State Mission Director, MNB (U)

Director, SUDA &
State Mission Director, MNB (U)

"X" above may be considered.

[Signature]
10/2/17

Secretary
UDMA Deptt
Chairman SUDA.

[Signature]
10.02.17

Dir SUDA

AMD (SWM)
C. Saha
12/2

Draft for KMC placed for kind approval

Director, SUDA

[Signature]
13/2/17

সুডা

NOTE SHEET

SUDA

May kindly recall the direction at NSP-29.
 As per direction, a letter vide of No.
 SUDA-50/2016/2692 dated 13.2.2017 (placed in
 the file) has been issued to Kolkata MC for
 initiating the tender process of their
 SWM Project.

In similar line three letters drafted
 for KMDA, MED & Asansol MC, which are
 placed in the file for approval.

[Signature]
 14.2.17

Add. SMD, MNB(U)

Drafts may be approved.

[Signature]
 14/2/17

Director, SUDA

[Signature]
 14/2/17

সুডা

NOTE SHEET

SUDA

Sub: Proposal for initiating the tender process for the SWM Projects approved by the State High Powered Committee of Mission Nirmal Bangla (Urban)

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1. DPR (Phase-I) of four ULBs (in Cluster Mode) namely Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities.
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3. DPR of Jalpaiguri Municipality.
4. DPR of Krishnanagar Municipality.
5. DPR of Santipur Municipality.
6. DPR of Nabadwip Municipality.
7. DPR of Bhatpara Municipality.
8. DPR of Naihati Municipality.
9. DPR of Kolkata MC
10. DPR (Phase-I) of Asansol Municipal Corporation.

Now, in anticipation of approval of Finance Department, it is being proposed that all the respective authorities of the abovementioned Projects, like Municipal Engineering Directorate (MED) for Non-KMA ULBs, Kolkata Metropolitan Development Authority (KMDA) for KMA ULBs, Kolkata MC, Asansol MC and the other ULBs, may be requested to initiate the process of tendering for implementation of the projects.

Placed for kind approval.

Director, SUDA & State Mission Director, MNB (U)

(Signature)
(B. N. Kar)
Additional Director, ILGUS & Additional State Mission Director, MNB (U)

*Secretary UDMA Dept
Chairman SUDA.*

"X" above may be considered.

*(Signature)
10/2/17*

10.02.17

Dir SUDA

*Adm (S.M.)
C. No
12/17*

Draft for KMC placed for kind approval.

*(Signature)
13/2/17*

inchr. SUDA