

SUDA

STATE URBAN DEVELOPMENT AGENCY

HEALTH WING

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No. SUDA-15./98(P-IV) | 452

Date18.10.2000

To: The Secretary,
MA Deptt. Govt. of West Bengal

Sub: Family Welfare Urban Slums Project- Proposal
for development of GIS

Sir,

Enclosed, kindly find the communication dated October 17, 2000, wherein the World Bank recorded its no objection to the above proposal.

This is for favour of your kind information and issue of further directives pl.

Yours faithfully,
N.S. Sarung
Adviser (Health) 18/10

Enclo: as stated

THE WORLD BANK GROUP
 New Delhi Office: 70 Lodi Estate
 New Delhi - 110 003, India
 Tel. No. 4617241/4619491 • Fax 4619393
 Cable Address: INTBAFF:AD • Mailing Address: P.O. Box 416



FACSIMILE COVER SHEET AND MESSAGE

DATE: October 17, 2000

NO. OF PAGES:
(including cover sheet)

MESSAGE NO.:

TO: Dr. N. G. Gangopadhyay
 Title: Advisor (Health).
 Organization: State Urban Development Agency
 City/Country: Calcutta

FAX NO.: 033-369-3184

FROM: Dr. G. N. V. Ramana
 Title: Senior Public Health Specialist
 Dept/Div: Health Nutrition and Population

FAX NO.: 011-461-93939
 Telephone:
 Dept./Div. No.:

SUBJECT: Family Welfare Urban Slums Project - Proposal for development of GIS

MESSAGE:

RECEIVED
 18 OCT 2000

Dear Dr. Gangopadhyay,

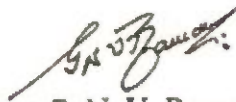
BY:.....

This is continuation to our discussion on the above subject during the recent mission and subsequent communication from you. Based on the assurance given by you that a) the proposed system would be used to monitor utilization of project services and health outcomes among the slum residents; and b) this activity will be completed within the approved budget, we have no objection to your proposal.

We request you to follow Bank prescribed procedures to implement the proposal.

With kind regards,

Sincerely,


 G. N. V. Ramana

CC:

Mr. A. K. Mehra, Director, AF Division, MOHFW, Nirman Bhawan, New Delhi 3019131

Transmission authorized by:

If you experience any problem in receiving this transmission, inform the sender at the telephone or fax no. listed above.

SUDA

STATE URBAN DEVELOPMENT AGENCY

HEALTH WING
"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No. SUDA-15/98(Pt-IV)/417

Date30.9.2000

Dear

I take the privilege of approaching you regarding clearance of the proposals on development of GIS under IPP-VIII(Extn), and RCH Sub-Project Asansol. Proposals on the issue have been mooted to you (vide copy* of communications enclosed).

The issue on GIS was discussed in length during the recent visit of World Bank and Govt. of India Mission at Calcutta on 25-26 September, 2000. Secretary, Municipal Affairs Department has highlighted need for GIS in the interest of successful implementation & monitoring of welfare activities and requested you to consider the issue on the merit of the case.

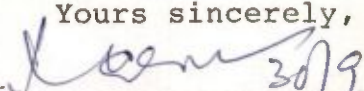
The Secretary being away from Head Quarters on emergency flood relief operation, could not contact you personally. As instructed by the Secretary, I enjoy this occasion to put fervent request to you for clearance of the proposals on GIS under IPP-VIII(Extn) and RCH Sub-Project Asansol at your earliest convenience, specially in view of short span of time left for IPP-VIII(Extn). It has already been highlighted that the expenditure for the purpose would be accommodated within the approved cost of the projects.

With warm regards,

✓ Dr.G.N.V.Ramana
Sr.Public Health Specialist
World Bank, 70 Lodi Estate
New Delhi-110 003

Encls.: *

Yours sincerely,


[Dr.N.G.Gangopadhyay]

Adviser(Health)

SUDA

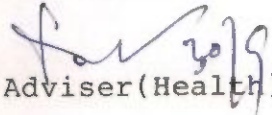
HEALTH WING

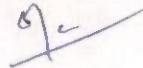
Memo no.SUDA-15/98(pt-IV)/417(i)

dated 30.9.2000

C.C

✓ The Secretary, MA Deptt. for favour of kind information.


Adviser (Health)



Sub: Proposal for improved Programme Management.

In the light of discussion with World Bank (Dr.G.N.V Ramana Public Health specialist) a proposal on GIS software development in 10 ULBs under IPP-VIII(Extn) may be forwarded to the Bank for its perusal and recording approval. The proposal prepared by SUDA is placed below, which incorporates all details including objective, scope, execution methodology, and estimated cost.

Incidentally it is stated that similar project have had approval of the World Bank under IPP-VIII, CMDA.

A draft communication for referring the matter to the Bank is placed below for kind perusal and its issuance.

Submitted.

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.

Date

DRAFT

From: The Secretary,
Dept. of Municipal Affairs &
Project Co-ordinator, IPP-VIII(Extn)

To: Dr.G.N.V.Ramana
Public Health specialist
World Bank
70,Lodi Estate
New Delhi-110 003

Sub:Proposal on GIS software development in 10 ULBs
under IPP-VIII(Extn).

Sir,

Reference our recent discussion on the above subject, i take the previlage of forwarding a copy of the concerned proposal*for your kind perusal.

Incidentally, it is stated that with the introduction of 74th Amendment of the Constitution, the Urban Local Bodies are entrusted with planning for development of the Municipalities in regard to Health, Education and the like. Govt. of West bengal have decided that such Bodies be equipped with an updated and dependable data base through GIS technology. 10 Towns under IPP-VIII(Extn) will be covered for creation of data base pertaining interalia to women & child health, children & adult education, environment, and poverty alleviation steps for the Below Poverty Level Families.

It is further stated in this connection that similar proposal have had approval of the World Bank under IPP-VIII, CMDA for 10 Local Bodies with cost estimate of Rs.39.25 Lakhs.

Contd.pg-2

Tel No. : 358 6403/6421/5767, Fax No. 358 5800

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.

Date

The proposed cost estimate for GIS in 10 IPP-VIII(Extn) Towns is Rs.58.58 Lakhs. This has been due to wider geographical distribution and larger number of holdings etc.

I would therefore request you to kindly concur the proposal and grant your approval at an early date.

Yours faithfully

* Encl: as stated

Secretary, MA Dept, Govtof W.B
& Project Co-ordinator IPP-VIII(Extn)



IPP - VIII. **CMDA**

FAMILY WELFARE (US) PROJECT

Unnayan Bhavan, Bidhan Nagar 'G' Block, 3rd Floor, Calcutta - 700 091 Phone : 334-5257 / 358-6771 / 337-0697 Fax : 358-3931

No. 1094 / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 25th July, 2000

ORDER

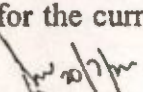
In modification of this office order No. 880/CMDA/FW(US)/IPP-VIII/P-83/99 dated 12th June, 2000 revised administrative approval and financial sanction is hereby accorded for mapping under-served areas using G.I.S. in 10(ten) Local bodies viz., (i) Barrackpore (ii) New Barrackpore (iii) Naihati (iv) Bhadreswar (v) Bansberia (vi) Kalyani (vii) North Dum Dum (viii) Rajpur-Sonarapur (ix) Gayeshpur and (x) North Barrackpore municipalities at a total cost of Rs. 39.25 lakhs with modified cost break-up as in the enclosed statement.

The entire work will be executed with a central monitoring system with the Sr. Geophysicist, Environment Cell, CMDA as the co-ordinator, in close co-operation with the Chief of Health, IPP-VIII, CMDA and the concerned municipalities.

The project will be completed within a specified time limit not later than 31.12.2000. The procurement for the project shall be made by following the World Bank procurement guidelines.

The Chief of Health, IPP-VIII, CMDA shall function as drawing and disbursing authority in respect of all payments required to be made from time to time in connection with the expenditure incurred for GIS project activities on receipt of satisfactory performance certificate from Sri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA.

The cost involved will be met from the provision under the head " Innovative Schemes " in the budget of FW(US) Project - IPP-VIII, Calcutta for the current financial year 2000 - 2001.

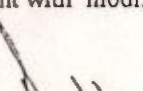

Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

No. 1094 / 11(15) / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 20th July, 2000

Copy forwarded to :-

1. The Chief Executive Officer, CMDA
2. The D.G.O.F., CMDA
3. The Chief of Health, IPP-VIII, CMDA
4. Shri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA. The statement with modified cost break-up referred to in the order is enclosed.
- 5 - 14 The Chairperson, _____ Municipality
- 15 The Director (P&M.), CMDA.


Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

Statement showing breakup of cost of Rs.39.25 lakhs

Sl. no.	Type of work	Recurring		Nonrecurring	
		Per Municipality in Rs.	Total Rs.	Per Municipality in Rs.	Total Rs.
01	Database preparation	20000x10	200000.00	-	-
02	Digitisation of available infrastructure maps,sewege & drainage water supply,Road Holdings etc.	A0 size map @ Rs 2500/ for 10 maps =Rs.25,000/	250000.00	-	-
03	Hardware with specific components including colour printer,scanner, A0Plotter,LASER printer,Laptop LED projector & Modem			i) 60000x10 = 600000.00 (P.C) ii) 6,70,000.00 (Other components, central facilities)	12,70,000.00
04	GIS Software & Training			63000x10	6,30,000.00
05	Incremental operating cost		250000.00		
06	Consultancy charges	30000x10	300000.00		
07	Preperation of holding maps			100000x10	10,00000.00
08	Public Awareness Programme.work shop,seminar etc.				25,000.00
	TOTAL		10,00,000.00		29,25,000.00

GRAND TOTAL : Rs. 39,25,000.00 i.e. 39.25 Lakhs



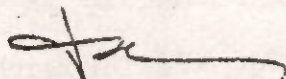
:: 2 ::

No. 547/1(S)/MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded for information and taking necessary action to

1. The Director and Chief Executive, State Urban Development Agency, ILGUS BHAWAN, HC Block, Sector III, Salt Lake City, Calcutta-91.
2. The Director of Local Bodies, West Bengal, Purta Bhawan, Salt Lake City, Calcutta-91.
3. Shri Tapash Ghatak, Grophysicist (Environment Cell), Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.

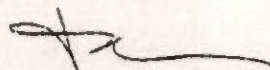

Joint Secretary.

No. 547/2 (2) /MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded to the :-

1. Chief Executive Officer, Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.
2. P.S. to Minister-in-Charge of this Department.


Joint Secretary.

akm/11vii2000.

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF MUNICIPAL AFFAIRS
WRITERS' BUILDINGS : CALCUTTA.



No. 547/MA/C-10/3S-13/2000.

Dated, Calcutta, the 11th July, 2000.

ORDER

It has since been decided by the State Govt. that Geographical Information System and computer based information system will be introduced in district headquarters towns and also in municipal towns having more than one lakh population. While Calcutta Metropolitan Development Authority is developing Geographical Information System in the municipalities within Calcutta Metropolitan Area, State Urban Development Agency will undertake the work in respect of municipalities outside the Calcutta Metropolitan Area.

2. For developing Geographical Information System and data base Management Information System in the district headquarters towns and municipalities having population of more than one lakh, it has been decided to constitute a Task Force comprising of the following members.

- From Bala*
Plan put up in file
8-14/2
1. Director & Chief Executive, State Urban Development Agency.
 2. Director of Local Bodies, West Bengal.
 3. Shri Tapash Ghatak, Geophysicist (Environment Cell), CMDA.

3. The Task Force shall finalise the modalities for development of Geographical Information System in district headquarters towns and municipal towns having population of more than one lakh outside Calcutta Metropolitan Area, monitor the progress of work and keep the State Govt. informed from time to time.

Sd/- P.K. Proadhan

Secretary to the Govt. of West Bengal.

Contd.....p/2.

**PROPOSAL FOR IMPROVED
PROGRAMME MANAGEMENT**

***FOR TEN TOWNS UNDER
IPP-VIII EXTENSION***

**PROPOSAL FOR IMPROVED PROGRAMME
MANAGEMENT**

Title of the Project

**G.I.S. SOFTWARE TO MAP UNDERSERVED AREA TO
DEVELOP SPECIAL SOCIAL MOBILISATION
STRATEGY**

Prepared by

SUDA

PROPOSAL FOR IMPROVED PROGRAMME MANAGEMENT

INTRODUCTION

With the introduction of the 74th Amendment of the Constitution, the urban local bodies have been entrusted with planning for development of the municipalities encompassing health, education, finance, infrastructure, entertainment etc. In order to carry out such planning a dependable data base with the inbuilt system of updating is essential. It is felt during implementation of the current programmes like IPP-VIII, SJSRY, NSDP, BMS, etc. which are aimed at improving the health and income of the poor people with special emphasis on women and children, that in absence of a dependable and updated data base, the programmes cannot be run with optimum result.

Government of West Bengal have decided that the urban local bodies should be equipped with an updated and dependable data base, and the appropriate tool to achieve it will be with GIS (Geographical Information System) technology. At the outset it has been decided that 10 municipalities of IPP-VIII extension will be selected for the first phase of the programme. This will include creation of data base which will support information required for improvement of :-

- a) woman and child health,
- b) children and adult education,
- c) poverty alleviation steps for the below poverty level families,

- d) municipal earning,
- e) infrastructure development,
- f) land use planning
- g) environment
- h) prevention of illegal developments etc.

Since last few years a new information system called Geographical information System has been adopted in different sectors of management, starting from Multi National Corporate house to small private sector of entrepreneurs. This technology allows any planner to visualise entire information system in a special format and gives a scope to synthesise all the data base information that he has with him. In the initial stage Government sectors restricted its application only in macro level regional planning but gradually it has also realised the need and advantage of planning with such system and started utilising this technique in micro level. Urban Development Department of Govt. of West Bengal through CMDA has also started its application in limited fields in past one year and stage by stage acquired the necessary expertise while dealing with different projects. Presently the similar need is being felt by Urban Local Bodies and they expressed their desire to adopt such technology in their planning system and the respective Chairmen approached Department of Municipal Affairs for necessary advise. An in depth analysis to assess the present status of the local bodies in terms of their financial, technological and human resource availability has been made by a task force set up by the Hon'ble Minister of UD & MA, through different session of interaction with the Local bodies and the vendors of GIS technology.

3. OBJECTIVE

With the amendment of 73rd and 74th of the Indian Constitution which clearly identifies the Local Bodies as the planning and executing authority and with the decentralisation of power, it has become essential to equip the local bodies with new trend and technologies. Adoption of GIS technique will not only ease out the process of planning in the daily work of the under served and under developed local Urban Bodies but will also bring an increase in their revenue collection. In the process they will begin to achieve self sufficiency in planning and recover successfully their due property taxes. In an overall perspective this will enhance the decision taking capacity of the local authority in the field of health, education, environment, finance and development.

4. SCOPE

G.I.S. in 10 towns of IPP -VIII Extension outside Calcutta Metropolitan Area, namely,

1. Durgapur Municipal Corporation
2. Siliguri Municipal Corporation
3. Burdwan Municipality
4. Kharagpur Municipality
5. English Bazar Municipality
6. Raiganj Municipality
7. Jalpaiguri Municipality
8. Darjeeling Municipality
9. Alipurduar Municipality
10. Balurghat Municipality

5. EXECUTION METHODOLOGY :

The entire operation will be executed with a central monitoring system in the initial stage with available in house expertise.

- 5.1 **Data Base Preparation** : The Municipalities will be asked to furnish the present status of the information in a ten page formatted and structured data sheet. (copy enclosed). This will contain information on Health, Demography, Water supply, Solid Waste Disposal, Sewerage and Drainage, Educational, Spatial, Computer Hardware and Software and any other special information. This will be entered in any available software by some hired agency at the Municipalities with their assistance and involvement.
- 5.2 **Base Maps** : All the infrastructure base maps will be supplied by the Municipalities with uniform scale and size prefixed by SUDA, the executing agency. An updated holding maps might have to be prepared by Municipality which will form the base of revenue collection.
- 5.3 **Digitisation of Base Maps** : Degitisation of the base maps will be done by an hired agency with the supervision of SUDA and direct involvement of Municipality's representative. The entire digitisation process will be first part of the training of the Municipality's representative.

- 5.4 **Procurement of Hardware and GIS Software :** Necessary Hardware and GIS Software will be procured and/ or upgraded as per the requirement for operation of GIS to all the Municipalities. In addition to these certain central facilities like Scanner and Plotter will also be required to be procured AND WILL BE PLACED AT SUDA. These procurement will also be done under a central supervision for keeping uniformity and compatibility in operation.
- 5.5 **Attachment of Data :** Attachment of data as obtained from the different Municipalities will be done in the digitised Base Maps of the Municipalities by the hired agency/ person at the Municipality with the supervision of SUDA and direct involvement of the representative of the Municipality. These will form the second part of the training.
- 5.6 **Building Queries and Production of Thematic Maps :** This being the final part of the operation, will have to be executed directly by SUDA with the representative of the Municipality. This will be carried out for a period till the Municipalities are confident of handling the entire procedure themselves. Though the AO or A1 sizes of maps will be plotted from central facilities at SUDA, A4 size could be made available at the local level itself.
- 5.7 **Interaction with Internetting :** Internet facilities have been accepted as one of the preliminary technique to establish interaction between different groups working in the same project. The cost involved in this type of communication system is also minimum.

Therefore while the project is in progress all the municipal bodies, functioning as sub-nodal points will be connected with SUDA, the nodal agency through internet.

5.8 Dissemination of Know-how through Awareness Camp & workshops : One of the major component of the entire project is phase by phase transfer of know-how and technology to the local bodies. This will be executed through certain specific type of awareness camp on GIS Technique and its utilities on Municipal management in the Municipality, as the work progresses involving the local representatives and local people.

1. Time Frame : (in number of days) :

7.1 Initialisation	15
7.2 Data base preparation	60
7.3 Base Map preparation	30
7.4 Base Map digitisation	60
7.5 Holding Map preparation	90 (Simultaneously with 7.2,7.3 & 7.4)
7.6 Procurement of Hardware & Software	90 day (simultaneously with 7.5)
7.7 Training of personnel	120 (Simultaneously with 7.5 and 7.6)
7.8 Building Query & preparation of Thematic Map	30 days
7.9 Awareness Camp	Total 150 days

2. Financial Break-up is shown in separate page enclosed.

6. RESOURCE PERSON :

State Urban Development Agency (SUDA) has been given a task force having representative for CMDA who are already executing different projects on GIS for in house application as well as for outside government agencies involving Deptt. of Environment, Directorate of Cottage and Small Scale Industries and Pollution Control Board. They have the confidence and total expertise of executing the entire operation. Efficient persons or agencies will be hired locally for specific jobs for specific period. As the process of Decentralisation has already been initiated by SUDA, the successful execution and completion of this project will an ideal step for planning sustainable development for local bodies estimated carrying capacity of the area.



ESTIMATED COST OF G.I.S. IN IPP-VIII EXTENSION

Sl. No.	Name of Municipality	No. of Holdings (appr.)	No. of Wards	Type of Expenditure	TYPE OF WORK										TOTAL
					Database Preparation @ Rs. 3/- per holding	Digitisation of available infrastructure maps, sewage & drainage water supply, road, holdings etc. @ Rs. 25000 per Municipality	Printouts of digitised maps ward-wise @ 5 copies per ward @ Rs. 80/- per copy i.e. @ Rs. 400/- per ward	Hardware with specific components including colour printer, scanner, A0 Plotter, LASER printer, Laptop LED projector & Modem @ Rs. 60,000/- per PC and Rs. 5,50,000/- for other components	GIS Software & Training @ Rs. 63,000/-	Total Incremental Operating Cost	Hiring of G.I.S. Operator @ 15000/- per month for three months	Preparation of holding maps @ Rs. 600 per holdings	Public Awareness Programme workshop seminar etc. @ Rs. 20,000 per Municipality or Corporation		
1	Durgapur MC	52500	43	Recurring	157500	25000	17200	-	-	-	45000	-	-	-	244700
2	Burdwan	48000	35	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	315000	20000	-	458000
				Recurring	144000	25000	14000	-	-	-	-	-	45000	-	-
3	Kharegaur	24600	30	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	288000	20000	-	431000
				Recurring	73800	25000	12000	-	-	-	-	-	45000	-	-
4	English Bazar	23000	25	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	147800	20000	-	290800
				Recurring	69000	25000	10000	-	-	-	-	-	45000	-	-
5	Jaipatguri	21000	25	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	138000	20000	-	281000
				Recurring	63000	25000	10000	-	-	-	-	-	45000	-	-
6	Alipurduar	12000	20	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	126000	20000	-	289800
				Recurring	36000	25000	8000	-	-	-	-	-	45000	-	-
7	Siliguri MC	70000	47	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	72000	20000	-	215000
				Recurring	210000	25000	18800	-	-	-	-	-	45000	-	-
8	Darjeeling	8000	32	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	420000	20000	-	563000
				Recurring	24000	25000	12800	-	-	-	-	-	45000	-	-
9	Balurghat	14000	23	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	48000	20000	-	191000
				Recurring	42000	25000	9200	-	-	-	-	-	45000	-	-
10	Raiganj	12800	26	Non-Recurring	-	-	-	1 x 60,000	63000	-	-	84000	20000	-	227000
				Recurring	38400	25000	10400	-	-	-	-	-	45000	-	-
11	Central Level Expenditure (SUDA)			Non-Recurring	-	-	-	1 x 60,000	63000	-	-	76800	20000	-	219800
				Non-Recurring	-	-	-	2 x 60,000 + 5,50,000 6,70,000	63000	-	-	-	-	-	-
TOTAL				Recurring	857700	250000	122400	1270000	693000	300000	450000	1715400	200000	-	1980100
				Non-Recurring	-	-	-	-	693000	-	-	-	-	-	3878400

SUDA

STATE URBAN DEVELOPMENT AGENCY

HEALTH WING

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.

Date

SUDA-15/98(Pt-VI)/KKI(1-10)

18.03.2002

From: Adviser(Health)
SUDA

To: The Project Director
IPP-VIII-(Extn.)
..... Municipality / Municipal Corporation

Sub: GIS Work under IPP-VIII-(Extn.)- provision of computer with printer
to each of the ULBs.

Sir,

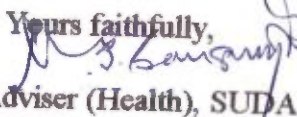
In almost all the ULBs covered under the Project , the Health data from the Family Schedules are being transferred and mostly completed by now. Updating of the data has to be ensured in future. In consideration of the updating load , provision of Computer with Printer will be necessary for each of the Health Posts where data entry to be done on regular basis. The specification of the Computer with Printer along with rough cost estimate is enclosed.

You are requested to make necessary arrangement for obtaining requisite no. of the said gadgets through local shopping (at least 3 quotations) by 3rd week of April, 2002.

The expenditure for the purpose may be booked under the IPP-VIII-(Extn.) fund – " IS- GIS".

Action taken in the matter may kindly be intimated to the undersigned in due course.

Enclo : as stated

Yours faithfully,

Adviser (Health), SUDA

18/3/02

-2-

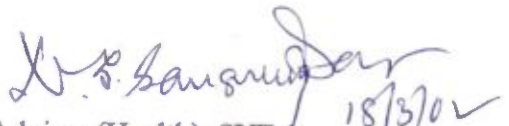
SUDA HEALTH WING

No. SUDA-15/98(Pt.-VI)/1441(11-20)

dt. 18.03.2002

CC

Mayor / Chairperson _____ Municipal Corporation / Municipality
for favour of information and necessary action.


Adviser (Health), SUDA 18/3/02

No. SUDA-15/98(Pt.-VI)/1441(21-22)

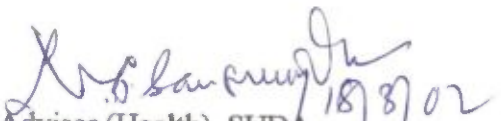
dt. 18.03.2002

C.C.

The Special Secretary, MA Dept., Govt. of West Bengal

The Director & CE, SUDA


--- for favour of kind information.


Adviser (Health), SUDA 18/3/02

No. SUDA-15/98(Pt.-VI)/1441 (23)

dt. 18.03.2002

Copy forwarded to the Special Secretary, KMDA & Project Director, IPP-VIII,
Kolkata - for favour of her kind information please.


Adviser (Health), SUDA 18/3/02

সূডা



SUDA

রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

2 MAR 2002

1 MAR 2002

"ইলগাস ভবন", এইচ. সি. ব্লক, সেক্টর-৩, বিধান নগর, কলিকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Calcutta 700 091, West Bengal

ক্রমিক নং ... SUDA-104/2000/2152

তারিখ 12/11.3.2002

From : Shri D.K.Roy,
Director & Chief Executive,
SUDA.

To : The Adviser (Health),
SUDA.

DD
we may write to PDs with copy to show person for local stopping after examining the availability under some scheme

Sub: GIS work under IPP-VIII Extension.

Sir,

In almost all the municipalities/corporations the health data from the family schedules are being entered at full swing and have been mostly completed in some of the municipalities. It seems, this would be a good tool for future monitoring as this will point out the deficiency points upto the family level.

However, I am apprehending a problem regarding updating of the data as the load is quite considerable. It seems, the updating is possible if the same is done HPwise and for that one computer with printer will be necessary to be provided in each HP where data entry can be done on a regular basis. The attachment of the data may be done at the municipal level.

Under the circumstances, I would request you that a computer and a printer may be given to each Health Post. The specification of the computer and printer along with a rough cost estimate is given below.

Encl: As above.

Yours faithfully,

(D.K.Roy)
Director & C.E., SUDA.

Address above.
Fund availability under immediate is placed below.
Cost of Computers & Printers (Rs. 26 lacs) may be recommended.
Dept letter for issuance to UPBs may be placed below for favour of approval.

দূরভাষ ৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স ৩৫৮ ৫৮০০

Tel : 358 6403/6421/5767, Fax : 358 5800, E.Mail : dirsuda@cal3.vsnl.net.in

Specification

Rough Cost Estimate

Computer (Desktop), IBM (A22P)
Pentium-IV (Intel), 1.5GHZ, 256 cache memory,
128MB SDRAM, 20GB (or more) Hard disk drive,
10/100 MBPS Ethernet card, 15" SVGA Colour Monitor
Key board & mouse, in built audio, 2 serial,
1 parallel & 2 USB ports including windows-98 &
Updated antivirus software (preloaded) & internal 52x CD-ROM
drive and internal CD_Writer with 12x 8x 32x
Of any standard company (Compatible to a desktop PC
of P-IV & OS windows-98) with supporting software along
with all necessary accessories.

Rs 74,000=00
(Rupees Seventy four thousand only)

Colour Ink Jet Printer

720 x 720 with L.E.D display, A4 size

UPS

Matching CVT/Stabiliser & UPS (0.5 KVA in line with 10
minute battery backup)

The supplier must furnish warranty for the equipment for a minimum period of 3 years for parts and only 1st year onsite repair with labour.

SUDA**STATE URBAN DEVELOPMENT AGENCY****HEALTH WING****"ILGUS BHAVAN"****H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal**

Ref No.

Date

SUDA-15/98(Pt-VI) /**14.03.2002****From: Adviser(Health)
SUDA****To: The Mayor/Chairperson,
----- Municipal Corporation/ Municipality****Sub: GIS in IPP-VIII-(Extn.) Towns****Ref: Letter No. 67/2000 (Pt-V)/1423 dt.7.11.01 (copy enclosed)****Sir / Madam,**

In connection with GIS work in your Corporation / Municipality, I am to mention that the funding from World Bank for IPP-VIII-(Extn.) is upto 30 June, 2002 after which no fund will be available from the Project. Hence, if the GIS work could not be completed and necessary payment on this account not made by June , 2002, Corporation / Municipality will be liable for payment of the dues from their own resources. It is learnt that some of the ULBs are taking long time for payment of the bills of the Agencies , who have been engaged by the ULBs for data entry , digitisation and data attachment work, as they are facing difficulties in checking the bills. It is obvious that delay in payment will cause further hindrance to the work.

In order to expedite the payment to Agencies mentioned above, the following suggestions are offered. The ULBs can adopt any one of the suggestions as per their convenience.

1. The Corporation / Municipality may kindly expedite direct payment to the Agencies after the bills are checked by them and book the expenditure under Innovative Scheme – GIS as per the existing procedure on the subject.

2. Forward the bills with due certification / ^{authentication} ~~authorisation~~ of work by the Project Director / Chairperson of the ULB along with copies of approved quotation and work order to IPP-VIII-(Extn.), SUDA for making necessary payment to the Agencies.

It is to be noted that the ULBs may adopt anyone of the two procedures described above and the dual procedures will not be entertained.

Action taken in the matter may kindly be intimated in due course.

Encl: as stated

Yours faithfully,

L. S. Sanjiv
Adviser (Health) 14/3/02

SUDA-15/98(Pt-VI)

14.03.2002

C.C

The Project Director, IPP-VIII-(Extn.), -----Municipal Corporation/ Municipality -- for favour of kind information and necessary action.

L. S. Sanjiv
Adviser (Health) 14/3/02

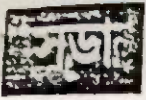
SUDA-15/98(Pt-VI)

14.03.2002

C.C

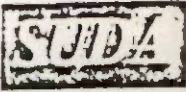
Director & CE, SUDA for kind information.

L. S. Sanjiv
Adviser(Health) 14/3/02



SUDA-67

c/c



রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 091, West Bengal

ক্রমিক নং ...S.U.D.A.-67/2000(Pt II)/1423

তারিখ07.11.01.....

From : Sri D.K.Roy
Director & Chief Executive,
S. U. D. A

To : The Chairperson
..... Municipality

Sub : GIS work under IPP-VIII (Extn.)

Sir/Madam,

The GIS work under IPP-VIII (Extn.) is in progress in your Municipality. In this connection, it may please be noted that IPP-VIII (Extn.) programme is going to be terminated by June 2002. Hence, if the work can not be completed and paid by June 2002, Municipality will be liable for payment of the dues.

In view of this, you are requested to please arrange to expedite the work in order to make final payment after completion of job by June 2002.

Yours faithfully,

(D.K.Roy)

Director & Chief Executive

It has been observed that the Municipalities are not paying the Agencies engaged by them for doing data entry, digitisation, data attachment etc. for various difficulties mentioned by them unofficially. Due to such delay works are hampering. As the works are to be completed by June, I had a discussion with you and accordingly a draft is being sent to him for approval.

Advisor (Health)

(D.K. Roy)
Dir. & C.E. SUDA.

[Signature] 4/3/02

State Urban Development Agency

Suda, U.O. No- ~~15/95(P170)~~ 67/2000(P65)/431

04-3-2002

*Little changes in the draft have been made
It may be finalized*

[Signature] 12/3/02

Draft - placed for kind perusal

[Signature]
14.2.02

Advisor (H)

PC

[Signature] 14/3

রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ. সি. ব্লক, সেক্টর-৩, বিধান নগর, কলিকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, H-C Block, Sector-III, Bidhannagar, Calcutta 700 091, West Bengal

ক্রমিক নং SUDA-104/2000/.....

তারিখ

From : Shri N.G.Gangopadhyay,
Adviser(Health),SUDA.To : Shri _____
ADM/CEO, _____
&
Project Director,
IPP-VIII Extension,
_____ Corporation/Municipality.Sub : GIS in IPP-VIII Extension towns.

Sir,

You have been advised to print 3 pages of family schedule which are missing in some of your family schedules. The pages may kindly be printed and filled up as the same will be required for GIS. The cost for printing may be booked under main head "Innovative Scheme GIS" - sub head 'Incremental Cost O & M'. The bills/vouchers (photo copies) duly authenticated may be forwarded to this office for the purpose of maintaining records and ^{to} meet audit requirement. The expenditure towards above may be met out of the IPP-VIII(Ext.)Fund already placed with the ULBs.

Encl : 3 pages to
be printed.

Yours faithfully,

N.G.Gangopadhyay 9/5/01
(N.G.Gangopadhyay)
Adviser(Health),SUDA.

No. SUDA-104/2000/

Dated, _____

Copy for information to :

1. The Mayor/Chairperson,
_____ Corporation/Municipality.
2. The Director & Chief Executive, SUDA.

N.G. Gangopadhyay
(N.G. Gangopadhyay)
Adviser (Health), SUDA. 9/5/01

SUDA

STATE URBAN DEVELOPMENT AGENCY

HEALTH WING

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.

Date

SUDA-15/98(Pt-VI)/ 525

8.11.2001

From: Adviser(Health)
SUDA

To : The Project Director
IPP-VIII-(Extn.)
----- Municipality / Municipal Corporation

Sub: Purchase of CD Writer for GIS under IPP-VIII-(Extn.)

Sir,

This is to request you to purchase CD Writer , one each locally for GIS under IPP-VIII-(Extn.) at a price not exceeding Rs.8350/- (Rupees Eight Thousand Three Fifty)only after observing Bank's norms. The expenditure may be incurred from the existing IPP-VIII-(Extn.) fund for the purpose and booked under the head -" Innovative Scheme- GIS".

Action taken in the matter may kindly be intimated in due course.

Yours faithfully,

L. S. Sangupta
Adviser(Health) 8/11/01

SUDA-15/98(Pt-VI)/ 525

8.11.2001

C.C

The Chairperson / Mayor, ----- Municipality/ Municipal Corporation for favour
of kind information and necessary action.

L. S. Sangupta
Adviser(Health) 8/11/01

8.11.2001

SUDA-15/98(Pt-VI)/ 525

C.C

The Director & CE, SUDA for favour of kind informtion. This has a reference to his
communication bearing no. SUDA-15/98(Pt-II)/ 1372 dt. 22 10 2001.

L. S. Sangupta
Adviser(Health) 8/11/01

TO :
FROM : SUDA

PHONE NO. : 3587368

OCT. 22. 2001 4:46PM P 1
PHONE NO. : 91 33 3593184

সুডা

SUDA

রাজ্য নগর উন্নয়ন সংস্থা
STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ
"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 091, West Bengal

ক্রমিক নং SUDA-15/98 (পি-II)/1372

তারিখ 22.10.2001

From : D.K.Roy
Director & Chief Executive, SUDA

To : The Adviser (Health),
SUDA



22 OCT 2001

Sir,

In the 26th Governing Body meeting held on 19.10.2001, the proposal to purchase Internal CD writer for 10 ULBs under IPP-VIII (Extn.) has been approved. The price should not be more than Rs.8350/- per CD writer.

You are, therefore, requested to make an arrangement to provide CD writer to the 10 ULBs under IPP-VIII (Extn.) from World Bank Fund.

Your opinion in the matter may kindly be communicated to this office for future action.

This may please be treated as most urgent.

Yours faithfully,

Director & Chief Executive, SUDA

For copy to
Director
2/11/01

29/10

29/10

রাজ্য নগর উন্নয়ন সংস্থা
STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ
"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 091, West Bengal

ক্রমিক নং SUDA- 15/98 (পি II)/1372

তারিখ 22.10.2001.....

From : D.K.Roy
Director & Chief Executive, SUDA

To : The Adviser (Health),
SUDA



22 OCT 2001

Sir,

In the 26th Governing Body meeting held on 19.10.2001, the proposal to purchase Internal CD writer for 10 ULBs under IPP-VIII (Extn.) has been approved. The price should not be more than Rs.8350/- per CD writer.

You are, therefore, requested to make an arrangement to provide CD writer to the 10 ULBs under IPP-VIII (Extn.) from World Bank Fund.

Your opinion in the matter may kindly be communicated to this office for future action.

This may please be treated as most urgent.

Yours faithfully,

[Signature]
Director & Chief Executive, SUDA



22 MAY 2001

A meeting was held with the implementing agencies of G.I.S. both for UNICEF and World Bank Projects on 19.5.2001 where a detailed discussion took place regarding the various difficulties and problems faced by them in executing data entry, data attachment, digitization in the computers placed in the municipality. It came out that in some cases it has been found that due to mishandling by people of municipality under training, data are sometimes getting lost or distorted. To avoid this problem it was proposed that a back up system should be maintained regularly by the operators. As the space required both for data and digitised maps will be large, it will be difficult to accommodate the back ups in floppy (which are not durable also). It was proposed by the experts that the data should be kept in CD. This requires installation of a CD Writer in the computers supplied and to be supplied to the municipality. Internal CD Writers will be sufficient for the purpose which will cost around Rs.9000/- each. Each municipality will be asked to install one internal CD Writer and the cost will be reimbursed from SUDA. In case of World Bank Project, the cost may be reimbursed from IPP-VIII Extension.

Each municipality may also be supplied with two blank CDs which will cost around Rs.30 to 40/-.

For approval.

Secretary,
M.A.Department
&
Chairman,SUDA

Sd/-
(D.K.Roy)
Director & Chief Executive,SUDA.

Copy to Adviser(Health),SUDA. It is proposed that the ULBs under IPP-VIII Extension may be requested to install one internal C.D.Writer (specification will be given by this office) after obtaining 3 quotations and the cost may be charged to G.I.S. under innovative scheme head.

(D.K.Roy)
Director & C.E.,SUDA.

Adviser(Health),SUDA.

NO -
SUDA-131/2000/481
dt 22.5.2001

Discussed & Advise. To put up
later.

18.6.

P.O. Jaha.M

25/5

ESTIMATED COST OF G.I.S. IN IPP-VIII EXTENSION

Sl. No.	Name of Municipality	No. of Holdings (appr.)	No. of Wards	Type of Expenditure	TYPE OF WORK							TOTAL			
					Database Preparation @ Rs. 3/- per holding	Digitisation of available infrastructure maps, sewage & drainage water supply, road, holdings etc. @ Rs. 25000 per Municipality	Printouts of digitised maps ward-wise @ 5 copies per ward @ Rs. 80/- per copy i.e. @ Rs. 400/- per ward	Hardware with specific components including colour printer, scanner, A0 Plotter, LASER printer, Laptop LED projector & Modem @ Rs. 60,000/- per PC and Rs. 5,50,000/- for	GIS Software & Training @ Rs. 63,000/-	Total Incremental Operating Cost	Hiring of G.I.S. Operator @ 15000/- per month for three months		Preparation of holding maps @ Rs. 6.00 per holdings	Public Awareness Programme workshop seminar etc. @ Rs. 20,000 per Municipality or Corporation	
1	Durgapur MC	52500	43	Recurring	25000	17200	-	-	-	-	45000	-	-	244700	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	315000	20000	-	458000
2	Burdwan	48000	35	Recurring	25000	14000	-	-	-	-	45000	-	-	228000	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	288000	20000	-	431000
3	Kharagpur	24600	30	Recurring	25000	12000	-	-	-	-	45000	-	-	155800	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	147600	20000	-	290600
4	English Bazar	23000	25	Recurring	25000	10000	-	-	-	-	45000	-	-	149000	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	138000	20000	-	281000
5	Jalpaiguri	21000	25	Recurring	25000	10000	-	-	-	-	45000	-	-	143000	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	126000	20000	-	269000
6	Alipurdwar	12000	20	Recurring	25000	8000	-	-	-	-	45000	-	-	114000	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	72000	20000	-	215000
7	Siliguri MC	70000	47	Recurring	25000	18800	-	-	-	-	45000	-	-	298800	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	420000	20000	-	563000
8	Darjeeling	8000	32	Recurring	25000	12800	-	-	-	-	45000	-	-	106800	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	48000	20000	-	191000
9	Balurghat	14000	23	Recurring	25000	9200	-	-	-	-	45000	-	-	121200	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	84000	20000	-	227000
10	Raiganj	12800	26	Recurring	25000	10400	-	-	-	-	45000	-	-	118800	
				Non-Recurring	-	-	1 x 60,000	63000	-	-	-	76800	20000	-	219800
11	Central Level Expenditure (SUDA)			Non-Recurring	-	-	2 x 60,000 + 5,50,000 + 6,70,000	63000	-	-	-	-	-	733000	
				Recurring	857700	122400	-	-	-	-	-	300000	450000	-	1980100
	TOTAL			Non-Recurring	-	-	1270000	693000	-	-	-	-	1715400	200000	3875400
															5858500

J. S. ALP
 J. S.
 P. E. O & M
 J. S.
 GRAND TOTAL

রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, H-C Block, Sector-III, Bidhannagar, Kolkata 700 091, West Bengal

Memo no. SUDA-39/2001/428 (10)



তারিখ 13-6-2002

From : Shri G.C. Banerjee
Director
SUDA

To : The Mayor / Chairman

Siliguri... Durrupite Municipal Corporation / Municipality
Aipaseduar... Jalpaiguri Balurghat, Raibari
B. Bardwan... Kharagpur English Bazar & Darjeeling

Subj : GIS work under IPP-VIII (Extn)

- Ref : 1) Memo no. SUDA/39/2001/2182 dt. 15.03.02 of the Director & CE/SUDA
2) Memo no. SUDA-15/98 (pt-VI)/1430 dt. 14.03.02 of the Adviser (Health)
3) Memo no. SUDA-67/2000 (pt-v)/1424 dt. 07.11.02 of the Director & CE/SUDA

Sir / Madam,

Under the above cited letters we have expressed that the funding from World Bank for IPP-VIII (Extn) is upto 30th June, 2002 after which no fund will be available for the GIS Project from World Bank. Hence, if the GIS work could not be completed and necessary payment on this account be made by June 2002, Corporation / Municipality will be liable for payment of the dues from their own resources.

In view of this, you are requested to please arrange to complete the work and draw final bill within 30th June 2002 positively.

As 30th June is not far off, an immediate action on the matter may please be taken from your end.

Yours faithfully

G.C. Banerjee 13/6/02
(G.C. Banerjee)
Director
SUDA

Copy to :

- ✓ 1) Shri N.G. Gangopadhyay, Adviser (Health), ILGUS Bhavan, for information and necessary action.

দূরভাষ : ৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ৩৫৮ ৫৮০০

Tel : 358 6403/6421/5767, Fax : 358 5800, E.Mail : dirsuda@cal 3.vsnl.net.in

G.C. Banerjee
13/6/02
G.C. Banerjee
Director
SUDA

Item-Wise Utilisation Certificate

GIS

Summary Report - BOTH ULBs & H.Q. SUDA

P A R T I C U L A R S	Amt. in Rs.	Amt. in Rs.
CIVIL WORKS		
BASIC FACILITIES AT SHP	5567352.00	
CIVIL WORKS	251600.00	
RENOVATION OF GIRLS' PRY. SCHOOL	5684146.00	
	-----	11503098.00
CONSUMABLES		
CONSUMABLES	2992706.20	
	-----	2992706.20
HONORARIUM		
HONORARIUM-BLOCK LEVEL	25657176.50	
HONORARIUM-HP LEVEL	3988571.00	
HONORARIUM-OPD/MH LEVEL	405306.00	
HONORARIUM-SHP LEVEL	4518403.00	
	-----	34569456.50
OPER. & MAINT.		
BASE LINE SURVEY	91058.00	
HIRE CAR	2705686.00	
POSTAGE & TELEPHONE	72974.60	
PRINTING	531716.00	
SUNDRIES	4282947.20	
SUNDRIES-GIS.	139423.00	
SUNDRIES-HP	3559686.70	
SUNDRIES-M & S ULB	565198.00	
SUNDRIES-OPD / MH	582257.00	
SUNDRIES-SHP	966922.50	
SUNDRIES-TRAINING	25948.60	
SUNDRIES-VOCATIONAL TRAINING	116134.00	
TRAVELLING ALLOWANCE	457981.60	
WORK SHOP	28204.30	
	-----	14126137.50
PROCUREMENT		
DRUGS	12570622.00	
EQUIPMENT	24638053.00	
FURNITURE	8632190.00	
I.E.C. & TRAINING MATERIALS	4580226.00	
VEHICLES	6561773.00	
	-----	56982864.00
RENT		
RENT	1120396.50	
	-----	1120396.50
SALARIES		
SALARIES	7038333.00	
	-----	7038333.00
TRG. & CONSUL.		
CONSULTANCY	32975.00	
I.S.-BRIDGE COURSE	1200.00	
I.S.-E.D.P.	715700.00	
I.S.-GIS.	1895809.00	
I.S.-GROUP DISCUSSION BY H.H.W.	173031.00	
I.S.-HIRING OBSTETRIC SERVICES	2524063.00	
I.S.-I.E.C. SHOWS	850561.00	
I.S.-LEGAL LITERACY	728847.00	
I.S.-NUTRITION AWARENESS	111150.00	
I.S.-SAVINGS & CREDIT	28320.00	
I.S.-VOCATIONAL TRAINING	4407652.00	
PROF. SERVICES	10000.00	
TRAINING	2455870.60	
	-----	13935178.60
GRAND TOTAL..		142268170.30

Item-Wise Utilisation Certificate

IPP-VIII Extn.

As on 12.6.02

h ULBs & HQ-SUDA

PARTICULARS	Amt. in Rs.	Amt. in Rs.
PER. & MAINT. SUNDRIES-GIS.	139423.00	139423.00
GRAND TOTAL..		139423.00

PARTICULARS	Amt. in Rs.	Amt. in Rs.
TRG. & CONSUL. I.S.-GIS.	1741369.00	1741369.00
GRAND TOTAL..		1741369.00

PARTICULARS	Amt. in Rs.	Amt. in Rs.
PROCUREMENT EQUIPMENT-GIS	154440.00	154440.00
31.5.02 GRAND TOTAL..		154440.00

27, PAY
HQ-SUDA
Calcutta
31.5.2002

2501.2002

~~IPP-VIII~~ FO

CADJET
INKJET Plotter
under NCB-06

May

Party

Account

Cash

15,44,40.00

Rough Estimated Cost For GIS Work Under IPP-VIII (Extn.)

ULBs	Health post Nos.	BPL Family Schedule Nos.	Holding Nos.	Survey Cost (@ Rs. 6/-) per holding (Rs)	Data Entry (@ Rs. 2.60/-) per(holding + family Schedule) (Rs)	Digitisation (@ Rs. 1/-) per(holding + family Schedule) (Rs)	Supervision (@ Rs. 1/-) per(holding + family Schedule) (Rs)	1 no. Hardware + Printer + Software + CD Writer per ULB (Rs)	1 no. Extra Hardware+ Printer per HP (Rs.)	Total (Rs.)
Alipurduar	1	6900.00	14100.00	84600.00	54600.00	21000.00	21000.00	138000.00	72000.00	391200.00
Balurghat	2	11200.00	15200.00	91200.00	68640.00	26400.00	26400.00	138000.00	144000.00	494640.00
Raigunj	2	15000.00	26000.00	156000.00	106600.00	41000.00	41000.00	138000.00	288000.00	770600.00
Burdwan	5	18500.00	44289.00	265734.00	163251.40	62789.00	62789.00	138000.00	360000.00	1052563.40
English Bazar	2	11668.00	23000.00	138000.00	90136.80	34668.00	34668.00	138000.00	144000.00	579472.80
Kharagpur	4	18600.00	22000.00	132000.00	105560.00	40600.00	40600.00	138000.00	288000.00	744760.00
Jaipalguri	1	8000.00	19000.00	114000.00	70200.00	27000.00	27000.00	138000.00	72000.00	448200.00
Siliguri	8	27829.00	82000.00	492000.00	285555.40	109829.00	109829.00	138000.00	576000.00	1711213.40
Darjeeling	2	6409.00	8490.00	50940.00	36737.40	14899.00	14899.00	138000.00	144000.00	401475.40
Durgapur	8	38984.00	63000.00	378000.00	265158.40	101984.00	101984.00	138000.00	576000.00	1561126.40
				1902474.00	1248439.40	480169.00	480169.00	1380000.00	2664000.00	8155251.40

In the IPP-VIII Extension towns 3 pages of the family schedule have to be printed by the municipality as has already been discussed with him. These pages show the sanitary, water supply and solid waste management condition in the neighbourhood. A question has been raised by the municipality as to how the cost of printing will be charged to IPP-VIII Extension Programme.

It is suggested that the cost may be charged against incremental operative cost on GIS and the head of booking, as suggested by you, will be O & M.

A letter to the effect is required to be sent to the municipality for clarification. A draft letter is enclosed herewith for your signature.

Adviser(Health).



(D.K.Roy)
Director & C.E., SUDA.

U.O No:-
SUDA-104/2000/28
Dt 04-5-2001

P.O. may kindly examine & put up.
7/5

P/O

Cost of printing by the ULBs may be booked under main head Innovative Scheme GIS - sub head Incremental cost O&M. under IPP-VIII Extn.

Submitted.

7.5.01

Adviser(H).

7/5

রাজ্য নগর উন্নয়ন সংস্থা

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ. সি. ব্লক, সেক্টর-৩, বিধান নগর, কলিকাতা ৭০০ ০৯১, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, H-C Block, Sector-III, Bidhannagar, Calcutta 700 091, West Bengal

ক্রমিক নং SUDA-104/2000/.....

তারিখ

From : Shri N.G.Gangopadhyay,
Adviser(Health), SUDA.To : Shri _____,
ADM/CEO, _____
&Project Director,
IPP-VIII Extension,

_____ Corporation/Municipality.

Sub : GIS in IPP-VIII Extension towns.

Sir,

You have been advised to print 3 pages of family schedule which are missing in some of your family schedules. The pages may kindly be printed and filled up as the same will be required for GIS. The cost for printing may be charged to O & M.

under main head "Innovative Scheme GIS" - sub head "Inexpensive Govt O&M". The bills/vouchers duly (photo copy) duly authenticated, may be forwarded to him for his purpose of printing. Mainship records sheet audit requirement.

Encl : 3 pages to be printed.

Yours faithfully,
(N.G.Gangopadhyay)
Adviser(Health)

The expenditure toward it above may be met out of the IPP-VIII (Ext) fund already placed with the ULBs

No.SUDA-104/2000/

Dated, _____

Copy for information to :

1. The Mayor/Chairperson,
_____ Corporation/Municipality.
2. The Director & Chief Executive, SUDA.

(N.G.Gangopadhyay)
Adviser(Health), SUDA.

Sub: Proposal for Improved Programme Management

In the light of discussion with World Bank (Dr. G. N. V. Ramana) Public Health specialist), a proposal on GIS software development in RCH Sub-Project Asansol may be forwarded to the Bank for its perusal and recording approval. The proposal prepared by SUDA is placed below which incorporates all details including objective, scope, execution methodology, and estimated cost.

Incidentally, it is stated that similar Project have had approval of the World Bank under IPP VII CMDA. A draft communication for referring the matter to the Bank is placed below for kind perusal and its issuance.

Submitted.

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.

Date

DRAFT

From: The secretary,
Dept. of Municipal Affairs, Govt. of W.B
& Project Co-ordinator, RCH Sub-Project Asansol.

To: Dr. G. N. V. Ramana
Public Health Specialist
World bank
70, Lodi Estate
New Delhi-110 003

Sub: Proposal on GIS software development
in RCH Sub-Project Asansol

Sir,

Reference our recent discussion on the above subject, I take the privilege of forwarding a copy of the concerned proposal* for your kind perusal.

Incidentally, it is stated that with the introduction of 74th Amendment of the constitution, the Urban Local Bodies are entrusted with planning for development of the Municipalities in regard to Health, Education and the like. Govt. of West Bengal have decided that such Bodies be equipped with an up-dated and dependable data base through GIS technology. Areas under RCH Sub-Project Asansol will be covered for creation of data base pertaining inter-alia to women and child health, children & adult education, environment, and poverty alleviation steps for the below poverty level families.

It is further stated in this connection that similar proposal have had approval of the World Bank under IPP-VIII, CMDA for 10 Local Bodies with cost estimate of Rs.39.25 Lakhs.

The proposed cost estimate for GIS in RCH Sub-Project Asansol is Rs.7.26 Lakhs. This has been due to wider geographical distribution and larger number of holdings etc.

I would therefore request you to kindly concur the proposal and grant your approval at an early date.

Yours faithfully,

* Enclo: as stated

Secretary, MA Dept
Govt. of West Bengal
& Project Co-ordinator,
RCH Sub-Project Asansol

Tel No. : 358 6403/6421/5767, Fax No. 358 5800



IPP - VIII. **CMDA**

FAMILY WELFARE (US) PROJECT

Unnayan Bhavan, Bidhan Nagar 'G' Block, 3rd Floor, Calcutta - 700 091 Phone : 334-5257 / 358-6771 / 337-0697 Fax : 358-3931

No. 1094 / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 25th July, 2000

ORDER

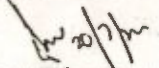
In modification of this office order No. 880/CMDA/FW(US)/IPP-VIII/P-83/99 dated 12th June, 2000 revised administrative approval and financial sanction is hereby accorded for mapping under-served areas using G.I.S. in 10(ten) Local bodies viz., (i) Barrackpore (ii) New Barrackpore (iii) Naihati (iv) Bhadreswar (v) Bansberia (vi) Kalyani (vii) North Dum Dum (viii) Rajpur-Sonarapur (ix) Gayeshpur and (x) North Barrackpore municipalities at a total cost of Rs. 39.25 lakhs with modified cost break-up as in the enclosed statement.

The entire work will be executed with a central monitoring system with the Sr. Geophysicist, Environment Cell, CMDA as the co-ordinator, in close co-operation with the Chief of Health, IPP-VIII, CMDA and the concerned municipalities.

The project will be completed within a specified time limit not later than 31.12.2000. The procurement for the project shall be made by following the World Bank procurement guidelines.

The Chief of Health, IPP-VIII, CMDA shall function as drawing and disbursing authority in respect of all payments required to be made from time to time in connection with the expenditure incurred for GIS project activities on receipt of satisfactory performance certificate from Sri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA.

The cost involved will be met from the provision under the head " Innovative Schemes " in the budget of FW(US) Project - IPP-VIII, Calcutta for the current financial year 2000 - 2001.

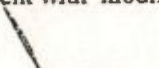

Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

No. 1094 / 1(15) / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 20th July, 2000

Copy forwarded to :-

1. The Chief Executive Officer, CMDA
2. The D.G.O.F., CMDA
3. The Chief of Health, IPP-VIII, CMDA
4. Shri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA. The statement with modified cost break-up referred to in the order is enclosed.
- 5 - 14 The Chairperson, _____ Municipality
- 16 The Director (P&M.), CMDA.


Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

Statement showing breakup of cost of Rs.39.25 lakhs

Sl. no.	Type of work	Recurring		Nonrecurring	
		Per Municipality in Rs.	Total Rs.	Per Municipality in Rs.	Total Rs.
01	Database preparation	20000x10	200000.00	-	-
02	Digitisation of available infrastructure maps,sewege & drainage water supply,Road Holdings etc.	A0 size map @ Rs 2500/ for 10 maps =Rs.25,000/	250000.00	-	-
03	Hardware with specific components including colour printer,scanner, A0Plotter,LASER printer,Laptop LED projector & Modem			i) 60000x10 = 600000.00 (P.C) ii) 6,70,000.00 (Other components, central facilities)	12,70,000.00
04	GIS Software & Training			63000x10	6,30,000.00
05	Incremental operating cost		250000.00		
06	Consultancy charges	30000x10	300000.00		
07	Preperation of holding maps			100000x10	10,00000.00
08	Public Awareness Programme.work shop,seminar etc.				25,000.00
	TOTAL		10,00,000.00		29,25,000.00

GRAND TOTAL : Rs. 39,25,000.00 i.e. 39.25 Lakhs



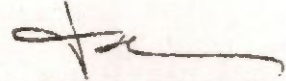
:: 2 ::

No. 547/1(3)/MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded for information and taking necessary action to:-

1. The Director and Chief Executive, State Urban Development Agency, ILGUS BHAWAN, HC Block, Sector III, Salt Lake City, Calcutta-91.
2. The Director of Local Bodies, West Bengal, Purta Bhawan, Salt Lake City, Calcutta-91.
3. Shri Tapash Ghatak, Grophysicist (Environment Cell), Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.



Joint Secretary.

No. 547/2 (2) /MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded to the :-

1. Chief Executive Officer, Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.
2. P.S. to Minister-in-Charge of this Department.


Joint Secretary.

akm/11vii2000.

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF MUNICIPAL AFFAIRS
WRITERS' BUILDINGS : CALCUTTA.



No. 547/MA/C-10/3S-13/2000.

Dated, Calcutta, the 11th July, 2000.

ORDER

It has since been decided by the State Govt. that Geographical Information System and computer based information system will be introduced in district headquarters towns and also in municipal towns having more than one lakh population. While Calcutta Metropolitan Development Authority is developing Geographical Information System in the municipalities within Calcutta Metropolitan Area, State Urban Development Agency will undertake the work in respect of municipalities outside the Calcutta Metropolitan Area.

2. For developing Geographical Information System and data base Management Information System in the district headquarters towns and municipalities having population of more than one lakh, it has been decided to constitute a Task Force comprising of the following members.

- Him Bata*
Plan put up in file
2.14/2
1. Director & Chief Executive, State Urban Development Agency.
 2. Director of Local Bodies, West Bengal.
 3. Shri Tapash Ghatak, Geophysicist (Environment Cell), CMDA.

3. The Task Force shall finalise the modalities for development of Geographical Information System in district headquarters towns and municipal towns having population of more than one lakh outside Calcutta Metropolitan Area, monitor the progress of work and keep the State Govt. informed from time to time.

Sd/- P.K. Prodhon

Secretary to the Govt. of West Bengal.

Contd. p/2.

**PROPOSAL FOR IMPROVED
PROGRAMME MANAGEMENT**

***FOR RCH AT ASANSOL,
WEST BENGAL***

**PROPOSAL FOR IMPROVED PROGRAMME
MANAGEMENT**

Title of the Project

**G.I.S. SOFTWARE TO MAP UNDERSERVED AREA TO
DEVELOP SPECIAL SOCIAL MOBILISATION
STRATEGY**

Prepared by

SUDA

PROPOSAL FOR IMPROVED PROGRAMME MANAGEMENT

INTRODUCTION

With the introduction of the 74th Amendment of the Constitution, the urban local bodies have been entrusted with planning for development of the municipalities encompassing health, education, finance, infrastructure, entertainment etc. In order to carry out such planning a dependable data base with the inbuilt system of updating is essential. It is felt during implementation of the current programmes like R.C.H, IPP-VIII, SJSRY, NSDP, BMS, etc. which are aimed at improving the health and income of the poor people with special emphasis on women and children, that in absence of a dependable and updated data base, the programmes cannot be run with optimum result.

Government of West Bengal have decided that the urban local bodies should be equipped with an updated and dependable data base, and the appropriate tool to achieve it will be with GIS (Geographical Information System) technology. At the outset it has been decided that ASANSOL under R.C.H. Project and 10 municipalities of IPP-VIII extension will be selected for the first phase of the programme. This will include creation of data base which will support information required for improvement of :-

- a) woman and child health,
- b) children and adult education,
- c) poverty alleviation steps for the below poverty level families,

- d) municipal earning,
- e) infrastructure development,
- f) land use planning
- g) environment
- h) prevention of illegal developments etc.

Since last few years a new information system called Geographical Information System has been adopted in different sectors of management, starting from Multi National Corporate house to small private sector of entrepreneurs. This technology allows any planner to visualise entire information system in a special format and gives a scope to synthesise all the data base information that he has with him. In the initial stage Government sectors restricted its application only in macro level regional planning but gradually it has also realised the need and advantage of planning with such system and started utilising this technique in micro level. Urban Development Department of Govt. of West Bengal through CMDA has also started its application in limited fields in past one year and stage by stage acquired the necessary expertise while dealing with different projects. Presently the similar need is being felt by Urban Local Bodies and they expressed their desire to adopt such technology in their planning system and the respective Chairmen approached Department of Municipal Affairs for necessary advise. An in depth analysis to assess the present status of the local bodies in terms of their financial, technological and human resource availability has been made by a task force set up by the Hon'ble Minister of UD & MA, through different session of interaction with the Local bodies and the vendors of GIS technology.

3. OBJECTIVE

With the amendment of 73rd and 74th of the Indian Constitution which clearly identifies the Local Bodies as the planning and executing authority and with the decentralisation of power, it has become essential to equip the local bodies with new trend and technologies. Adoption of GIS technique will not only ease out the process of planning in the daily work of the under served and under developed local Urban Bodies but will also bring an increase in their revenue collection. In the process they will begin to achieve self sufficiency in planning and recover successfully their due property taxes. In an overall perspective this will enhance the decision taking capacity of the local authority in the field of health, education, environment, finance and development.

4. SCOPE

G.I.S. in ASANSOL Municipal Corporation.

5. EXECUTION METHODOLOGY :

The entire operation will be executed with a central monitoring system in the initial stage with available in house expertise.

5.1 **Data Base Preparation** : The Corporation will be asked to furnish the present status of the information in a ten page formatted and structured data sheet. (copy enclosed). This will contain information on Health, Demography, Water supply, Solid Waste Disposal, Sewerage and Drainage, Educational, Spatial, Computer Hardware

and Software and any other special information. This will be entered in any available software by some hired agency at the Municipalities with their assistance and involvement.

- 5.2 **Base Maps** : All the infrastructure base maps will be supplied by the Corporation with uniform scale and size prefixed by SUDA, the executing agency. An updated holding map has to be prepared by Corporation which will form the base of revenue collection.
- 5.3 **Digitisation of Base Maps** : Digitisation of the base maps will be done by an hired agency with the supervision of SUDA and direct involvement of Corporation's representative. The entire digitisation process will be first part of the training of the Corporation's representative.
- 5.4 **Procurement of Hardware and GIS Software** : Necessary Hardware and GIS Software will be procured and/ or upgraded as per the requirement for operation of GIS to the Corporation. These procurement will also be done under a central supervision for keeping uniformity and compatibility in operation.
- 5.5 **Attachment of Data** : Attachment of data as obtained from the Corporation will be done in the digitised Base Map of the Corporation by the hired agency/ person at the Corporation with the supervision of SUDA and direct involvement of the representative of the Corporation. These will form the second part of the training.

- 5.6 **Building Queries and Production of Thematic Maps** : This being the final part of the operation, will have to be executed directly by SUDA with the representative of the Corporation. This will be carried out for a period till the Corporation is confident of handling the entire procedure themselves. Though the AO or A1 sizes of maps will be plotted from central facilities at SUDA, A4 size could be made available at the local level itself.
- 5.7 **Interaction with Internetting** : Internet facilities have been accepted as one of the preliminary technique to establish interaction between different groups working in the same project. The cost involved in this type of communication system is also minimum. Therefore while the project is in progress all the local bodies, functioning as sub-nodal points will be connected with SUDA, the nodal agency through internet.
- 5.8 **Dissemination of Know-how through Awareness Camp & workshops** : One of the major component of the entire project is phase by phase transfer of know-how and technology to the local bodies. This will be executed through certain specific type of awareness camp on GIS Technique and its utilities on Municipal management in the local body, as the work progresses involving the local representatives and local people.

1. Time Frame : (in number of days) :

7.1 Initialisation	15
7.2 Data base preparation	60
7.3 Base Map preparation	30
7.4 Base Map digitisation	60
7.5 Holding Map preparation	90 (Simultaneously with 7.2,7.3 & 7.4)
7.6 Procurement of Hardware & Software	90 day (simultaneously with 7.5)
7.7 Training of personnel	120 (Simultaneously with 7.5 and 7.6)
7.8 Building Query & preparation of Thematic Map	30 days
7.9 Awareness Camp	Total 150 days

2. Financial Break-up is shown in separate page enclosed.

6. RESOURCE PERSON :

State Urban Development Agency (SUDA) has been given a task force having representative for CMDA who are already executing different projects on GIS for in house application as well as for outside government agencies involving Deptt. of Environment, Directorate of Cottage and Small Scale Industries and Pollution Control Board. They have the confidence and total expertise of executing the entire operation. Efficient persons or agencies will be hired locally for specific jobs for specific period. As the process of Decentralisation has already been initiated by SUDA, the successful execution and completion of this project will an ideal step for planning sustainable development for local bodies estimated carrying capacity of the area.



ESTIMATED COST OF G.I.S. IN Asansol MC

No. of Holdings : 45300

No. of Wards : 50

Sl. No.	TYPE OF WORK	Type of Expenditure	
		Recurring	Non-Recurring
1	Database Preparation @ Rs.3/- per holding	135900	-
2	Digitisation of available infrastructure maps, sewage & drainage, water supply road, holdings etc. @ Rs. 25000 per Municipality	25000	-
3	Printouts of digitised maps ward-wise @ 5 copies per ward @ Rs. 80/- per copy i.e. @ Rs. 400/- per ward	20000	-
4	One Computer P.C. with Printer	-	100000
5	GIS Software & Training @ Rs. 63,000/-	-	63000
6	Total Incremental Operating Cost	30000	-
7	Hiring of G.I.S. Operator @ Rs. 15000/- per month for four months	60000	-
8	Preparation of holding maps @ Rs. 6/- per holdings	-	271800
9	Public Awarenessn Programme workshop, seminar etc. @ 20,000/- per Municipality or Corporation	-	20000
	TOTAL	270900	454800
		Grand Total =	725700

*P.O. - IPP-VIII (Ext)
P.O. Res. Amul may be open separately for GIS
for 1/9 1/9
1/9/2000*

Geographical Information System within West Bengal

Agenda for meeting on 1.9.2000 in ^{Secretary} surveys M.A. Department chamber
at Writers Buildings.

It has been proposed that Geographical Information System will be introduced in all the municipalities in West Bengal having a population of more than 1 lakh and the district headquarter towns. Out of these, 10 Municipalities, taken up by CMDA from fund of IPP - VIII, will be excluded. UNICEF has agreed principally in a meeting that they will bear the cost of a portion of the software part for 30 Municipalities which will amount to about Rs.90.92 lakhs out of which about Rs.15 lakhs may be spent within this calendar year. It is proposed that the cost for the work in the 10 towns under IPP-VIII Extension and 1 town under RCH Project may be charged to the respective projects subject to approval by World Bank.

To achieve the programme, the immediate tasks are -

1. A G.O. authorising SUDA to incur expenditure for taking up GIS in different Municipalities from it's A & OE fund may be issued by government.
- Action : M.A. Department

2. To send proposal to UNICEF for the scheme -
- Action : M.A. Department

3. To send proposal to Government of India for approval to include GIS under the project of IPP - VIII Extension and RCH, Asansol
- Action : SUDA, Health Sector.

Proposal prepared for obtaining approval of Govt

4. Selection of the towns to be included and time phasing of the same for implementation

- To be decided by Task Force and M.A. Department.

The immediate questions that have to be resolved for selection and phasing :

- a) Whether works in the towns to be included under IPP-VIII Extension and RCH, Asansol can be started before getting approval from World Bank - if started, whether the expenditure incurred before getting approval will be reimbursed by World Bank.

To obtain approval from World Bank 1st (2nd Party) on Nov

- Action : SUDA Health Wing and
M.A. Department.

- b) UNICEF will be interested to know the names of the 30 towns to be included under their project. These have to be finalised.

15 towns in 1st phase

- Action : M.A. Department

- c) Whether any cost for items scheduled to be provided by UNICEF fund may be taken till approval from UNICEF is received.

- Action : M.A. Department

- d) In order to cope up with the schedule of digitisation of Map we need to call quotation for digitisation immediately.

The following actions have already been taken in anticipation of approval:

- (i) A recommended list has been received from Shjri T.K.Ghatak, Sr. Geophysicist, CMDA who is looking after the GIS Programme taken up by CMDA under IPP-VIII, for reliable firms capable of doing the digitisation work. 4 firms have been

recommended by him and quotations from all the 4 firms have been invited for both digitisation and giving print out of digitised Maps.

- e) As Shri Ghatak is heavily burdened with the GIS works taken up by CMDA, SUDA required immediate intake of some GIS experts. It is proposed that these appointments be made from the agencies who can provide suitable persons. Shri Ghatak has assured that he will give the names of firms who can provide the requisite personnel with the proper qualifications and experience. It is suggested that quotations may be limited to such firms who have experience in GIS work and are based in Calcutta. It may be decided whether the quotations should be floated in paper or may be limited to the list of firms to be suggested by Shri Ghatak on the basis of his expertise with the work of GIS.

- Action : Task Force.

- f) It may be decided whether the hardware required by SUDA should be procured immediately. It may be mentioned in this context that the cost of hardware have been included in the estimate for GIS work in IPP-VIII Extension towns and will be charged to IPP - VIII project. The amount will be approximately Rs.6,70,000/- only.

- Action : SUDA Health Wing and Task Force.

- g) The design of family enumeration sheet is to be proposed immediately. It is suggested that ILGUS prepares the same and submit to Task Force for approval.

- Action : ILGUS

*Belet
Await
approval
for work Bank
or
Assure
in anti capital
separate for
IPP-VIII (w)
RCS Assn*

h) The design for Holding Map preparation has to be finalised. It is suggested that Sri T.K.Ghatak prepare the same and submit to Task Force for approval.

- Action : Sri Tapash Ghatak

i) It has been decided that printing of family schedule and enumeration will be done by Municipality at their own cost.

- To be discussed and confirmed by Task Force.

j) Municipality will prepare holding Map and the cost will be re-imbursed to them subject to a maximum payment of Rs.6/- per holding / plot.

- To be discussed and confirmed by Task Force.



1. One tentative Prioritisation and date schedule is enclosed.
2. One detail of support received at SUDA level is enclosed.

Prioritising work load for GIS Project under SUDA
On the basis of quality of Maps submitted 20 Municipalities may get
priority.

1. Selection of Municipalities for 1st phase(10 out of 20),
out of twenty 5 are included in IPP-VIII.

(Ashoknagar Kalyanghar, Basirhat, Habra, Madhamgram, Bardhaman, Bankura, Suri, Berampur, Uttarpara, Chapdani, *Tarakeswar, Alipurduar, Jalpaiguri, Kochbihar, Krisnagar, Shantipur, Nabadwip, Englishbazar, Medinipur, Siliguri)

* *Suvaranpore*

Date Schedule :-

2. Digitisation of base maps, ward wise printing
and handing over to the Municipalities... 10.09.00 to 25.09.00
3. Preparation of holding maps..... 15.10.00 to 15.12.00
4. Preparation of infrastructure maps..... 15.10.00 to 15 12.00
5. Preparation of data base..... 01.11.00 to 01.01.01
6. Interaction with individual Municipality..... 15.10.00 to 15.11.00
7. Selection of Agency for SUDA support... 5.09.00 to 25.09.00 Placement 1-11
8. Selection and placement of Agencies
in Individual Municipality 01.11.00 to 15.12.00 Placement 20-12
9. Digitisation of holding maps and other
infrastructure maps at the Municipality 1.12.00 to 28.2.01
10. Data entry (Holding Data, Infrastructure Data) ... 20.12.00 to 28.2.01
11. **Generation of query and printing**
of theme maps **from 01.01.01**
12. Procurement of soft ware and hard ware 10.09.00 to 15.11.00 for SUDA
13. Training in soft ware at SUDA 15.11.00 to 15 12.00

- 14.Placement of Hard ware 15.11.00 to 15 12.00 Municipality
15.Training if Software at Municipality 15.12.00 to 31.12.00

Details of Support required at SUDA in respect of the above workload :

1. Preparation of master design for monitoring
2. Collect the descriptive and quantitative data about all Municipality
3. Modify the Maser design with respect to available data
4. Setting up GIS center at SUDA
5. Monitoring of progress in respect to preparation of holding map
6. Monitoring of progress in respect to preparation of data base
7. Training of Municipal person in GIS at the municipality
8. Monitoring digitisation work at the municipality
9. Assist in generating Query
- 10.Assist in generating theme maps

REQUIRED PERSONS WITH QUALIFICATION THROUGH AGENCY :

System Analyst (GIS) (three such @ Rs 15000/- per month)

1. Experience in Handling gis soft ware, data base soft ware, digitisation and project management software
2. Ability to Train in GIS at the Municipality
3. Ability to handle scanner and Plotter
4. Ability to design progress charts and presentation package.

DATA ENTRY OPERATOR (one such @Rs.5,000/- per month)

1. Ability to operate, design, modify and structure data base in dbf format
2. Ability to identify mismatch data
3. Ability to operate independently a data entry operation at any site.

Booking Receipt

Date

27/12/20

Nightingale Ex & Fin. P. Ltd

Consignee/Destination

Service Tax Regd. No. Courier/Cal-1/79 dt. 12/11/96

DR. S. V. Ramani

1, British Indian Street

Room No. 030 (Ground Floor)

TUBAC HEATERS BRANIS

CALCUTA-700069

☎ 210-5266/5319

Vin Oiler. No. 2

C. N. No.

850372

DR. S. V. Ramani.

Consignor:

Tubac Brans

1st Floor, 110, B. 21's

Liberty Oil

(Rs. 73.50) (Rs. 73.50)

TERMS: Max. Liability Rs. Fifteen per uninsured article in case of lost on claim. Booking article should be as per law of carriage Company is not responsible for damage of the consignment due to Fire, Accident, Riot, Strikes, Water & natural calamities in proper packing etc.

T. The goods do not contain any cash or cash equivalent & Share certificate of any type of valuable certificate.

SAIT L.A.T. RT.

Cal-96

Received by [Signature]

For Nightingale Express

Government of West Bengal
Municipal Affairs Department
Writers' Buildings, Calcutta.

No. .467-S/2000

Dated Calcutta, the 5st September, 2000.

From : Shri P.K. Pradhan,
Secretary to the Govt.of West Bengal.

To : Dr. G.N.V. Ramana,
Public Health Specialist,
World Bank,
70, Lodi Estate,
New Delhi-110003.

Sub : Proposal on GIS software development in 10 ULBs under IPP-VIII (Extension).

Sir,

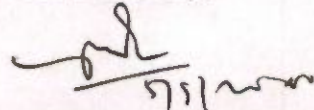
This refers to the earlier discussion held on the subject.

With the 74th Amendment of the Constitution the urban local bodies are now entrusted with planning for development of municipalities in regard to health, education and infrastructure facilities. To facilitate the preparation of annual development plan as well as perspective plan by the municipalities it is proposed to equip the urban local bodies with an updated and dependable data base using GIS (Geographical Information System) techniques. It is therefore, proposed to cover the ten towns taken up under the IPP VIII (Extension) Project for creation of data base pertaining interalia to women and child health, children and adult education, environment and poverty alleviation steps to below the poverty line families. The proposed cost for undertaking GIS in the 10 IPP VIII(Extension) towns is Rs.58.58 lakhs.

It may be mentioned that for the main IPP VIII Project the World Bank has already agreed to take up creation of similar data base using GIS technique in 10 local bodies. The cost estimate for GIS in the ten towns under IPP VIII (Extension) Project is slightly higher in view wider geographical distribution and larger number of holdings.

It is requested that World Bank may kindly agree to the proposal for taking up this programme under the IPP VIII (Extension). In anticipation of the approval we are taking preliminary steps to avoid loss of time.

Yours faithfully,



Secretary to the Govt. of West Bengal.

Encl: Copy of budget report

**PROPOSAL FOR IMPROVED
PROGRAMME MANAGEMENT**

***FOR TEN TOWNS UNDER
IPP-VIII EXTENSION***

PROPOSAL FOR IMPROVED PROGRAMME MANAGEMENT

Title of the Project

**G.I.S. SOFTWARE TO MAP UNDERSERVED AREA TO
DEVELOP SPECIAL SOCIAL MOBILISATION
STRATEGY**

Prepared by

SUDA

PROPOSAL FOR IMPROVED PROGRAMME MANAGEMENT

INTRODUCTION

With the introduction of the 74th Amendment of the Constitution, the urban local bodies have been entrusted with planning for development of the municipalities encompassing health, education, finance, infrastructure, entertainment etc. In order to carry out such planning a dependable data base with the inbuilt system of updating is essential. It is felt during implementation of the current programmes like IPP-VIII, SJSRY, NSDP, BMS, etc. which are aimed at improving the health and income of the poor people with special emphasis on women and children, that in absence of a dependable and updated data base, the programmes cannot be run with optimum result.

Government of West Bengal have decided that the urban local bodies should be equipped with an updated and dependable data base, and the appropriate tool to achieve it will be with GIS (Geographical Information System) technology. At the outset it has been decided that 10 municipalities of IPP-VIII extension will be selected for the first phase of the programme. This will include creation of data base which will support information required for improvement of :-

- a) woman and child health,
- b) children and adult education,
- c) poverty alleviation steps for the below poverty level families,

- d) municipal earning,
- e) infrastructure development,
- f) land use planning
- g) environment
- h) prevention of illegal developments etc.

Since last few years a new information system called Geographical information System has been adopted in different sectors of management, starting from Multi National Corporate house to small private sector of entrepreneurs. This technology allows any planner to visualise entire information system in a special format and gives a scope to synthesise all the data base information that he has with him. In the initial stage Government sectors restricted its application only in macro level regional planning but gradually it has also realised the need and advantage of planning with such system and started utilising this technique in micro level. Urban Development Department of Govt. of West Bengal through CMDA has also started its application in limited fields in past one year and stage by stage acquired the necessary expertise while dealing with different projects. Presently the similar need is being felt by Urban Local Bodies and they expressed their desire to adopt such technology in their planning system and the respective Chairmen approached Department of Municipal Affairs for necessary advise. An in depth analysis to assess the present status of the local bodies in terms of their financial, technological and human resource availability has been made by a task force set up by the Hon'ble Minister of UD & MA, through different session of interaction with the Local bodies and the vendors of GIS technology.

3. OBJECTIVE

With the amendment of 73rd and 74th of the Indian Constitution which clearly identifies the Local Bodies as the planning and executing authority and with the decentralisation of power, it has become essential to equip the local bodies with new trend and technologies. Adoption of GIS technique will not only ease out the process of planning in the daily work of the under served and under developed local Urban Bodies but will also bring an increase in their revenue collection. In the process they will begin to achieve self sufficiency in planning and recover successfully their due property taxes. In an overall perspective this will enhance the decision taking capacity of the local authority in the field of health, education, environment, finance and development.

4. SCOPE

G.I.S. in 10 towns of IPP –VIII Extension outside Calcutta Metropolitan Area, namely,

1. Durgapur Municipal Corporation
2. Siliguri Municipal Corporation
3. Burdwan Municipality
4. Kharagpur Municipality
5. English Bazar Municipality
6. Raiganj Municipality
7. Jalpaiguri Municipality
8. Darjeeling Municipality
9. Alipurduar Municipality
10. Balurghat Municipality

5. EXECUTION METHODOLOGY :

The entire operation will be executed with a central monitoring system in the initial stage with available in house expertise.

- 5.1 **Data Base Preparation** : The Municipalities will be asked to furnish the present status of the information in a ten page formatted and structured data sheet. (copy enclosed). This will contain information on Health, Demography, Water supply, Solid Waste Disposal, Sewerage and Drainage, Educational, Spatial, Computer Hardware and Software and any other special information. This will be entered in any available software by some hired agency at the Municipalities with their assistance and involvement.
- 5.2 **Base Maps** : All the infrastructure base maps will be supplied by the Municipalities with uniform scale and size prefixed by SUDA, the executing agency. An updated holding maps might have to be prepared by Municipality which will form the base of revenue collection.
- 5.3 **Digitisation of Base Maps** : Degitisation of the base maps will be done by an hired agency with the supervision of SUDA and direct involvement of Municipality's representative. The entire digitisation process will be first part of the training of the Municipality's representative.

- 5.4 **Procurement of Hardware and GIS Software :** Necessary Hardware and GIS Software will be procured and/ or upgraded as per the requirement for operation of GIS to all the Municipalities. In addition to these certain central facilities like Scanner and Plotter will also be required to be procured AND WILL BE PLACED AT SUDA. These procurement will also be done under a central supervision for keeping uniformity and compatibility in operation.
- 5.5 **Attachment of Data :** Attachment of data as obtained from the different Municipalities will be done in the digitised Base Maps of the Municipalities by the hired agency/ person at the Municipality with the supervision of SUDA and direct involvement of the representative of the Municipality. These will form the second part of the training.
- 5.6 **Building Queries and Production of Thematic Maps :** This being the final part of the operation, will have to be executed directly by SUDA with the representative of the Municipality. This will be carried out for a period till the Municipalities are confident of handling the entire procedure themselves. Though the AO or A1 sizes of maps will be plotted from central facilities at SUDA, A4 size could be made available at the local level itself.
- 5.7 **Interaction with Internetting :** Internet facilities have been accepted as one of the preliminary technique to establish interaction between different groups working in the same project. The cost involved in this type of communication system is also minimum.

Therefore while the project is in progress all the municipal bodies, functioning as sub-nodal points will be connected with SUDA, the nodal agency through internet.

5.8 Dissemination of Know-how through Awareness Camp & workshops : One of the major component of the entire project is phase by phase transfer of know-how and technology to the local bodies. This will be executed through certain specific type of awareness camp on GIS Technique and its utilities on Municipal management in the Municipality, as the work progresses involving the local representatives and local people.

1. Time Frame : (in number of days) :

7.1 Initialisation	15
7.2 Data base preparation	60
7.3 Base Map preparation	30
7.4 Base Map digitisation	60
7.5 Holding Map preparation	90 (Simultaneously with 7.2,7.3 & 7.4)
7.6 Procurement of Hardware & Software	90 day (simultaneously with 7.5)
7.7 Training of personnel	120 (Simultaneously with 7.5 and 7.6)
7.8 Building Query & preparation of Thematic Map	30 days
7.9 Awareness Camp	Total 150 days

2. Financial Break-up is shown in separate page enclosed.

6. RESOURCE PERSON :

State Urban Development Agency (SUDA) has been given a task force having representative for CMDA who are already executing different projects on GIS for in house application as well as for outside government agencies involving Deptt. of Environment, Directorate of Cottage and Small Scale Industries and Pollution Control Board. They have the confidence and total expertise of executing the entire operation. Efficient persons or agencies will be hired locally for specific jobs for specific period. As the process of Decentralisation has already been initiated by SUDA, the successful execution and completion of this project will an ideal step for planning sustainable development for local bodies estimated carrying capacity of the area.



SUDA

STATE URBAN DEVELOPMENT AGENCY

HEALTH WING

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No. SUDA-15/98(Pt-IV)/417

Date30.9.2000

Dear

I take the privilege of approaching you regarding clearance of the proposals on development of GIS under IPP-VIII(Extn), and RCH Sub-Project Asansol. Proposals on the issue have been mooted to you (vide copy* of communications enclosed).

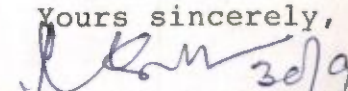
The issue on GIS was discussed in length during the recent visit of World Bank and Govt. of India Mission at Calcutta on 25-26 September, 2000. Secretary, Municipal Affairs Department has highlighted need for GIS in the interest of successful implementation & monitoring of welfare activities and requested you to consider the issue on the merit of the case.

The Secretary being away from Head Quarters on emergency flood relief operation, could not contact you personally. As instructed by the Secretary, I enjoy this occasion to put fervent request to you for clearance of the proposals on GIS under IPP-VIII(Extn) and RCH Sub-Project Asansol at your earliest convenience, specially in view of short span of time left for IPP-VIII(Extn). It has already been highlighted that the expenditure for the purpose would be accommodated within the approved cost of the projects.

With warm regards,

Dr.G.N.V.Ramana
Sr.Public Health Specialist
World Bank, 70 Lodi Estate
New Delhi-110 003

Encls.: *

Yours sincerely,

[Dr.N.G.Gangopadhyay]
Adviser(Health)

sfc

Tel/Fax No.: 359-3184

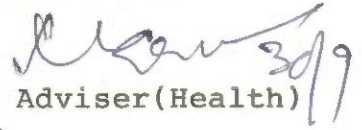
SUDA HEALTH WING

Memo no.SUDA-15/98(pt-IV)/417(1)

dated 30.9.2000

C.C

The Secretary, MA Deptt. for favour of kind information.


Adviser(Health)

s/c

SUDA**STATE URBAN DEVELOPMENT AGENCY****HEALTH WING****"ILGUS BHAVAN"****H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal**

Ref No. SUDA-15/98(Pt-IV)/417

Date30.9.2000

Dear *Dr. Ramana,*

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With warm regards,

Dr.G.N.V.Ramana
Sr.Public Health Specialist
World Bank, 70 Lodi Estate
New Delhi-110 003

Encls.: *

Yours sincerely,

N.S. Gangopadhyay
[Dr.N.G.Gangopadhyay]
30/9/2000
Adviser(Health)

Government of West Bengal
Municipal Affairs Department
Writers' Buildings, Calcutta.

No. .467-S/2000

Dated Calcutta, the 5th September, 2000.

From : Shri P.K. Pradhan,
Secretary to the Govt.of West Bengal.

To : Dr. G.N.V. Ramana,
Public Health Specialist,
World Bank,
70, Lodi Estate,
New Delhi-110003.

Sub : Proposal on GIS software development in 10 ULBs under IPP-VIII (Extension).

Sir,

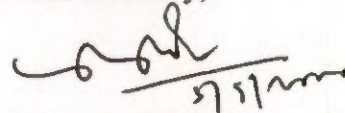
This refers to the earlier discussion held on the subject.

With the 74th Amendment of the Constitution the urban local bodies are now entrusted with planning for development of municipalities in regard to health, education and infrastructure facilities. To facilitate the preparation of annual development plan as well as perspective plan by the municipalities it is proposed to equip the urban local bodies with an updated and dependable data base using GIS (Geographical Information System) techniques. It is therefore, proposed to cover the ten towns taken up under the IPP VIII (Extension) Project for creation of data base pertaining interalia to women and child health, children and adult education, environment and poverty alleviation steps to below the poverty line families. The proposed cost for undertaking GIS in the 10 IPP VIII(Extension) towns is Rs.58.58 lakhs.

It may be mentioned that for the main IPP VIII Project the World Bank has already agreed to take up creation of similar data base using GIS technique in 10 local bodies. The cost estimate for GIS in the ten towns under IPP VIII (Extension) Project is slightly higher in view wider geographical distribution and larger number of holdings.

It is requested that World Bank may kindly agree to the proposal for taking up this programme under the IPP VIII (Extension). In anticipation of the approval we are taking preliminary steps to avoid loss of time.

Yours faithfully,



Secretary to the Govt. of West Bengal.

Encl: Copy of Project report

Government of West Bengal
Municipal Affairs Department
Writers' Buildings, Calcutta.

No.468-S/2000

Dated Calcutta, the 5th September, 2000.

From : Shri P.K. Pradhan,
Secretary to the Govt.of West Bengal.

To : Dr. G.N.V. Ramana,
Public Health Specialist,
World Bank,
70, Lodi Estate,
New Delhi-110003.

Sub : Proposal on GIS software development in RCH Sub-Project, Asansol

Sir,

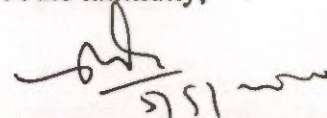
This refers to the earlier discussion held on the subject.

With the 74th Amendment of the Constitution the urban local bodies are now entrusted with planning for development of municipalities in regard to health, education and infrastructure facilities. To facilitate the preparation of annual development plan as well as perspective plan by the municipalities it is proposed to equip the urban local bodies with an updated and dependable data base using GIS (Geographical Information System) techniques. It is therefore, proposed to cover Asansol town taken up under RCH Sub-Project for creation of data base pertaining interalia to women and child health, children and adult education, environment and poverty alleviation steps to below the poverty line families. The proposed cost for undertaking GIS in Asansol RCH Sub-Project of Rs.7.26 lakhs. A copy of the project report is enclosed.

It may be mentioned that for the main IPP VIII Project the World Bank has already agreed to take up creation of similar data base using GIS technique in 10 local bodies.

It is requested that World Bank may kindly agree to the proposal for taking up this programme under the RCH Sub-Project. In anticipation of the approval we are taking preliminary steps to avoid loss of time.

Yours faithfully,



Secretary to the Govt. of West Bengal.

Encl : As above.

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OTHER FACSIMILE

START TIME JAN. 8 2:14PM

USAGE TIME 02'11

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RX PAGES 00
RESULT OK

*****;M1 REPORT *****

Sub: Proposal for improved Programme Management.

In the light of discussion with World Bank (Dr.G.N.V Raman Public Health specialist) a proposal on GIS software development in 10 ULBs under IPP-VIII(Extn) may be forwarded to the Bank for its perusal and recording approval. The proposal prepared by SUDA is placed below, which incorporates all details including objective, scope, execution methodology, and estimated cost.

Incidentally it is stated that similar project have had approval of the World Bank under IPP-VIII,CMDA.

A draft communication for referring the matter to the Bank is placed below for kind perusal and its issuance.

Submitted.

[Signature]
31/8

Copy placed below for

issue.

[Signature]
5/9/2001

U.O. No. Suda-1598(A-1)/98
dt 31.8.2001

[Signature]
Secretary
Chennai

Dr. N.S. *[Signature]*
Secretary
(Health)

Despatched through Courier services on 6/9/2001

[Shown to M A Jey on 11.9.2001]
for 11/9.

[Signature]
6/9

Government of West Bengal
Municipal Affairs Department
Writers' Buildings, Calcutta.

No. .467-S/2000

Dated Calcutta, the 5th September, 2000.

From : Shri P.K. Pradhan,
Secretary to the Govt.of West Bengal.

To : Dr. G.N.V. Ramana,
Public Health Specialist,
World Bank,
70, Lodi Estate,
New Delhi-110003.

Sub : Proposal on GIS software development in 10 ULBs under IPP-VIII (Extension).

Sir,

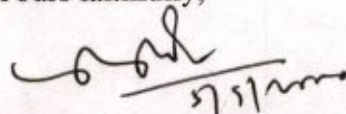
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It may be mentioned that for the main IPP VIII Project the World Bank has already agreed to take up creation of similar data base using GIS technique in 10 local bodies. The cost estimate for GIS in the ten towns under IPP VIII (Extension) Project is slightly higher in view wider geographical distribution and larger number of holdings.

It is requested that World Bank may kindly agree to the proposal for taking up this programme under the IPP VIII (Extension). In anticipation of the approval we are taking preliminary steps to avoid loss of time.

Yours faithfully,



Secretary to the Govt. of West Bengal.

Encl: Copy of Project report

STATE URBAN DEVELOPMENT AGENCY**"ILGUS BHAVAN"****H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal**

Ref No.....

Date.....

DRAFT

From: The Secretary,
Dept.of Municipal Affairs &
Project Co-ordinator, IPP-VIII(Extn)

To: Dr.G.N.V.Ramana
Public Health specialist
World Bank
70,Lodi Estate
New Delhi-110 003

Sub:Proposal on GIS software development in 10 ULBs
under IPP-VIII(Extn).

Sir,

Reference our recent discussion on the above subject,
I take the privilege of forwarding a copy of the concerned
proposal*for your kind perusal.

Incidentally, it is stated that with the introduction
of 74th Amendment of the Constitution, the Urban Local
Bodies are entrusted with planning for development of the
Municipalities in regard to Health, Education and the like.
Govt. of West Bengal have decided that such Bodies be equipped
with an updated and dependable data base through GIS tech-
nology. 10 Towns under IPP-VIII(Extn) will be covered for
creation of data base pertaining interalia to women & child
health, children & adult education, environment, and poverty
alleviation steps for the Below Poverty Level Families.

It is further stated in this connection that similar
proposal have had approval of the World Bank under IPP-VIII,
CMDA for 10 Local Bodies with cost estimate of Rs.39.25 Lakhs.

Contd.pg-2

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ILGUS BHAVAN"

H-C BLOCK, SECTOR-III, BIDHANNAGAR, CALCUTTA-700 091
West Bengal

Ref No.....

Date.....

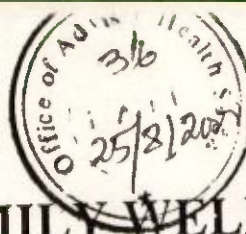
The proposed cost estimate for GIS in 10 IPP-VIII(Extn) Towns is Rs.58.58 Lakhs. This has been due to wider geographical distribution and larger number of holdings etc.

I would therefore request you to kindly concur the proposal and grant your approval at an early date.

Yours faithfully

* Encls: as stated

Secretary, MA Dept, Govtof W.B
& Project Co-ordinator IPP-VIII(Extn)



IPP - VIII. **CMDA**

FAMILY WELFARE (US) PROJECT

Unnayan Bhavan, Bidhan Nagar 'G' Block, 3rd Floor, Calcutta - 700 091 Phone : 334-5257 / 358-6771 / 337-0697 Fax : 358-3931

No. 1094 / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 25 July, 2000

ORDER

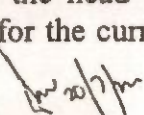
In modification of this office order No. 880/CMDA/FW(US)/IPP-VIII/P-83/99 dated 12th June, 2000 revised administrative approval and financial sanction is hereby accorded for mapping under-served areas using G.I.S. in 10(ten) Local bodies viz., (i) Barrackpore (ii) New Barrackpore (iii) Naihati (iv) Bhadreswar (v) Bansberia (vi) Kalyani (vii) North Dum Dum (viii) Rajpur-Sonarpur (ix) Gayeshpur and (x) North Barrackpore municipalities at a total cost of Rs. 39.25 lakhs with modified cost break-up as in the enclosed statement.

The entire work will be executed with a central monitoring system with the Sr. Geophysicist, Environment Cell, CMDA as the co-ordinator, in close co-operation with the Chief of Health, IPP-VIII, CMDA and the concerned municipalities.

The project will be completed within a specified time limit not later than 31.12.2000. The procurement for the project shall be made by following the World Bank procurement guidelines.

The Chief of Health, IPP-VIII, CMDA shall function as drawing and disbursing authority in respect of all payments required to be made from time to time in connection with the expenditure incurred for GIS project activities on receipt of satisfactory performance certificate from Sri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA.

The cost involved will be met from the provision under the head " Innovative Schemes " in the budget of FW(US) Project - IPP-VIII, Calcutta for the current financial year 2000 - 2001.


Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

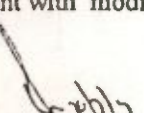
No. 1094 / 1(15) / CMDA/FW(US)/IPP-VIII/P-83/99

Dated : 20th July, 2000

Copy forwarded to :-

1. The Chief Executive Officer, CMDA
2. The D.G.O.F., CMDA
3. The Chief of Health, IPP-VIII, CMDA
4. Shri. T.K. Ghatak, Sr. Geophysicist, Environment Cell, CMDA. The statement with modified cost break-up referred to in the order is enclosed.

- 5 - 14 The Chairperson, _____ Municipality
15 The Director (P&M.), CMDA.


Project Director
IPP-VIII, Calcutta
& Secretary, CMDA

Statement showing breakup of cost of Rs.39.25 lakhs

Sl. no.	Type of work	Recurring		Nonrecurring	
		Per Municipality in Rs.	Total Rs.	Per Municipality in Rs.	Total Rs.
01	Database preparation	20000x10	200000.00	-	-
02	Digitisation of available infrastructure maps,sewege & drainage water supply,Road Holdings etc.	A0 size map @ Rs 2500/ for 10 maps =Rs.25,000/	250000.00	-	-
03	Hardware with specific components including colour printer,scanner, A0Plotter,LASER printer,Laptop LED projector & Modem			i) 60000x10 = 600000.00 (P.C) ii) 6,70,000.00 (Other components, central facilities)	12,70,000.00
04	GIS Software & Training			63000x10	6,30,000.00
05	Incremental operating cost		250000.00		
06	Consultancy charges	30000x10	300000.00		
07	Preperation of holding maps			100000x10	10,00000.00
08	Public Awareness Programme.work shop,seminar etc.				25,000.00
	TOTAL		10,00,000.00		29,25,000.00

GRAND TOTAL : Rs. 39,25,000.00 i.e. 39.25 Lakhs

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF MUNICIPAL AFFAIRS
WRITERS' BUILDINGS : CALCUTTA.



No. 547/MA/C-10/3S-13/2000.

Dated, Calcutta, the 11th July, 2000.

ORDER

It has since been decided by the State Govt. that Geographical Information System and computer based information system will be introduced in district headquarters towns and also in municipal towns having more than one lakh population. While Calcutta Metropolitan Development Authority is developing Geographical Information System in the municipalities within Calcutta Metropolitan Area, State Urban Development Agency will undertake the work in respect of municipalities outside the Calcutta Metropolitan Area.

2. For developing Geographical Information System and data base Management Information System in the district headquarters towns and municipalities having population of more than one lakh, it has been decided to constitute a Task Force comprising of the following members.

- Him Bala*
Plan put up in file
8-14/2
1. Director & Chief Executive, State Urban Development Agency.
 2. Director of Local Bodies, West Bengal.
 3. Shri Tapash Ghatak, Geophysicist (Environment Cell), CMDA.

3. The Task Force shall finalise the modalities for development of Geographical Information System in district headquarters towns and municipal towns having population of more than one lakh outside Calcutta Metropolitan Area, monitor the progress of work and keep the State Govt. informed from time to time.

Sd/- P.K. Prodhan

Secretary to the Govt. of West Bengal.

Contd.....p/2.



:: 2 ::

No. 547/1(3)/MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded for information and taking necessary action to :-

1. The Director and Chief Executive, State Urban Development Agency, ILGUS BHAWAN, HC Block, Sector III, Salt Lake City, Calcutta-91.
2. The Director of Local Bodies, West Bengal, Purta Bhawan, Salt Lake City, Calcutta-91.
3. Shri Tapash Ghatak, Grophysicist (Environment Cell), Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.

Joint Secretary.

No. 547/2(2)/MA/C-10/3S-13/2000.

Dated : 11th July, 2000.

Copy forwarded to the :-

1. Chief Executive Officer, Calcutta Metropolitan Development Authority, 3A, Aucland Place, Calcutta-17.
2. P.S. to Minister-in-Charge of this Department.

Joint Secretary.

akm/11vii2000.