



**MINUTES OF THE MEETING OF COMMITTEE FOR FIXING OF  
I.B.M. VALUE HELD ON 14-12-2010 IN THE CHAMBERS OF  
ENGINEER IN CHIEF PROJECTS-II, HYDERABAD FOR  
MODERNISATION OF GODAVARI DELTA SYSTEM, DREDGING  
WORKS EAST GODAVARI DISTRICT & WEST GODAVARI  
DISTRICT**

(TENDER NOTICE No. 15/10-11, 16/10-11 & 62/10-11)

Present Officers

- 1) Sri B.V.S. Prakash Rao, Engineer-In-Chief (Projects-II), Hyderabad.
- 2) Sri I.S.N. Raju, Chief Engineer, Central Designs Organisation, Hyderabad.
- 3) Sri S. Shankar Rao, Chief Engineer, Godavari Delta System, Dowlaiswaram.

The Government has accorded Administrative approval for Rs.3361.00 Crores in G.O. Ms. No. 258 I & CAD (PW.MAJ.IRR.VII) Department, Dated: 29-11-2007 for Modernisation of Godavari Delta Irrigation and Drainage System.

The tenders were invited for 1) Modernisation of Coring River by dredging from Teki drain infalling into sea mouth in C.I.P basin on Godavari eastern delta

2) Modernisation of Kunavaram and Vasalatippa drain by dredging in falling to sea mouth basin of Godavari central delta for two times further 3) Modernisation of Godavari western delta Gonteru sub basin from km 38.600 to Gonteru major drain by dredging of Upputeru basin tenders were invited for six times with Rs.120.00/cum approved IBM during 2008-09, but there is no response for the above packages.

Again tenders were invited for above packages and key dates of tenders are furnished below

	Tender No. / No.	Location
Date & Time of Schedules sale opening	15-10-2010 18-10-2010 at 11.00 A.M	082 18-10 at 11
Date & Time of Schedule sale closing	21-12-2010 at 11.00 AM	23-12 at 11
Date & Time of closing of Bid submission (Online)	21-12-2010 at 4.00 PM	23-12 at 4
Pre-Qualification / Technical Bid opening Onwards (Qualification and opening)	22-12-2010 at 11.00 AM at O/O SE/IC	24-12 at 11 at O/o
1) Eligibility Stage)	Dowlaiswaram	Eluru
Date of opening price bid	28-12-2010 at 11.00 AM at O/O SE/IC Dowlaiswaram	30-12-2010 at 11.00 AM at O/o SE/IC Eluru

The IBM value for the above packages has to be placed on the website to facilitate the bidders to quote the price. Government in memo No. 20942/reforms-A1/2010 DT. 20-11-2010 have constituted a committee under taking excense of deciding the IBM by a committee consisting of

- 1) Engineer -in- Chief, Projects-II, Hyderabad
- 2) Chief Engineer, Central Designs Organization, Hyderabad
- 3) Chief Engineer, Concerned-Convenor

Accordingly the above committee met on 14-12-2010 in the chamber of Engineer-in-Chief Projects-II, Jalasouda, Hyderabad for finalizing the value of three packages of dredging works in respect of Godavari Delta, Central Delta and Western Delta.

The expert committee constituted for Modernisation of Krishna, Godavari Delta systems recommends the 'C' value is taken as 185 for Non-urban catchment and 145 as per Ryves formula for deltaic catchment for arriving the MFL.

In calculating the required discharge tidal factor of 9/7 was considered if the HTL is above MFL and 9/6 was considered if the HTL is below the MFL.

Initially side slope of 1 1/2:1 to 2:1 was adopted for working out the hydraulic particulars and quantities. As the above slopes are not stable in flowing reaches there is need to adopt flatter slopes as suggested by the expert committee. Considering the above aspects the side-slopes of the drains are modified as 4:1 as per the discussions and recommendations made by the expert committee, accordingly bed widths are modified.

The committee has discussed various components of Work involved and the adoption of the following provisions by the project authorities are agreed to

The rate adopted for dredging is Rs.155/ cum.

Rate adopted as per S.S.R. 2010-11 for earth work excavation in all kinds of soils including 1km lead is Rs: 62.60/-

In respect of BM stones revised Standard data adopted duly providing for the lead charges.

The following are the LS provisions applied on working items for the total IBM values.

Provision towards Labour welfare cess @ 1% on total amount of working items

Provision towards surveying, Design and Estimation preparation

Provision for maintenance charges on 0.5% on working items

*Necessary certificate furnished by the concerned Superintending Engineer is appended.*

Accordingly the IBM values in respect of each package as detailed below are agreed to by the committee. The authenticated package wise abstracts of IBM values by project authorities are appended.

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Sl. No	NAME OF WORK	IBM Value Rs. in Lakhs	Count of Section Count of 1
1	Modernisation of Coringa River by Dredging from Teki Drain in falling to sea Mouth in CIP Basin of G.E Delta drainage system.	2753.68 (Two thousand Seven hundred and fifty three lakhs and eight thousand only)	
2	Modernisation of Kunavaram & Vasalatippa major Drains by Dredging in falling in to sea, In sea mouth basin of Godavari central Delta Drainage system.	1385.40 (One thousand three hundred and eighty five lakhs and thousand only)	
3	Modernisation of Godavari Western Delta-Gonteru Sub basin from km 38.600 to km 50.680 of Gonteru major drain (by dredging) of upputeru basin	1537.28 (One thousand five hundred and thirty seven lakhs and eight thousand only)	

(G.V.S Prakash Rao),  
Engineer-In-Chief (Projects-II),  
Andhra & Rayalaseema Region

(S.Shankar Rao),  
Chief Engineer Modernisation, GDS  
Hyderabad  
Dowlaipet

(S.N.Rao)  
Chief Engineer  
Central Design Office  
Hyderabad

ENDT NO CE/GDS/DOW/DCE/AEE/HO/ dt

Copy along with enclosure forward  
to SE/IC/Dowlaipet for favour of information  
and further necessary action

DATA

DREDGING RATE WITH CONTRACTOR DREDGER

Dredging rate cum = Rs 120/cum adopted during 2007-08 and 2008-09 approved by the IBM Committee considering the following percentage of components (approximately)

a) Cost of the Machinery	49% (Approximate)	Rs	58.60
b) Fuel and Lubricants component is assumed as	28% (Approximate)	Rs	33.60
c) Skilled and unskilled workers is assumed as	23% (Approximate)	Rs	27.60
		Rs.	<u>120.00 /Cum</u>

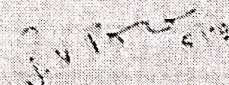
Item	Rate in 2008-09	Rate in 2009-10		Avg.	Rate Nov 2010	Rate	Average	
HSD Oil	Rs 34.95	Rs 39.17	12%		41.05	4.79%		
b) Lubricants	Rs 128.00	Rs 198.00	54%	33%	210	6.06%	5.40%	
c) Crew Charges								
	a) Skilled	Rs 206.00	Rs 224.00	8%	12%	258	15.18%	15.24%
	b) Unskilled	Rs 146.00	Rs 170.00	16%		156	15.29%	

Rate worked out for the Year 2009-10

a) 10% increase only is considered in the cost of machinery	58.60 + 10% of 72	64.69/ Cum
b) Fuel and lubricants components	Rs 33.60/cum + Avg. % increase in rates = 33.60 x 12%	44.59/ Cum
c) Skilled and Unskilled workers components	27.60 x 12%	30.91/ Cum
		<u>140.29/ Cum</u>

Rate worked out for the Year 2010-11

a) 10% increase only is considered in the cost of machinery	Rs 64.69 x 10%	=	Rs	71.16
b) Fuel and lubricants components	Rs 44.69 x 5.40%	=	Rs	47.10
c) Skilled and Unskilled workers components	Rs 30.91 x 15.24%	=	Rs	35.62
			Rs	<u>153.88 Cum</u>
	(or Say)		Rs.	154.00 Cum

  
 Superintending Engineer  
 Irrigation Circle, Eluru  
 5/5/10