

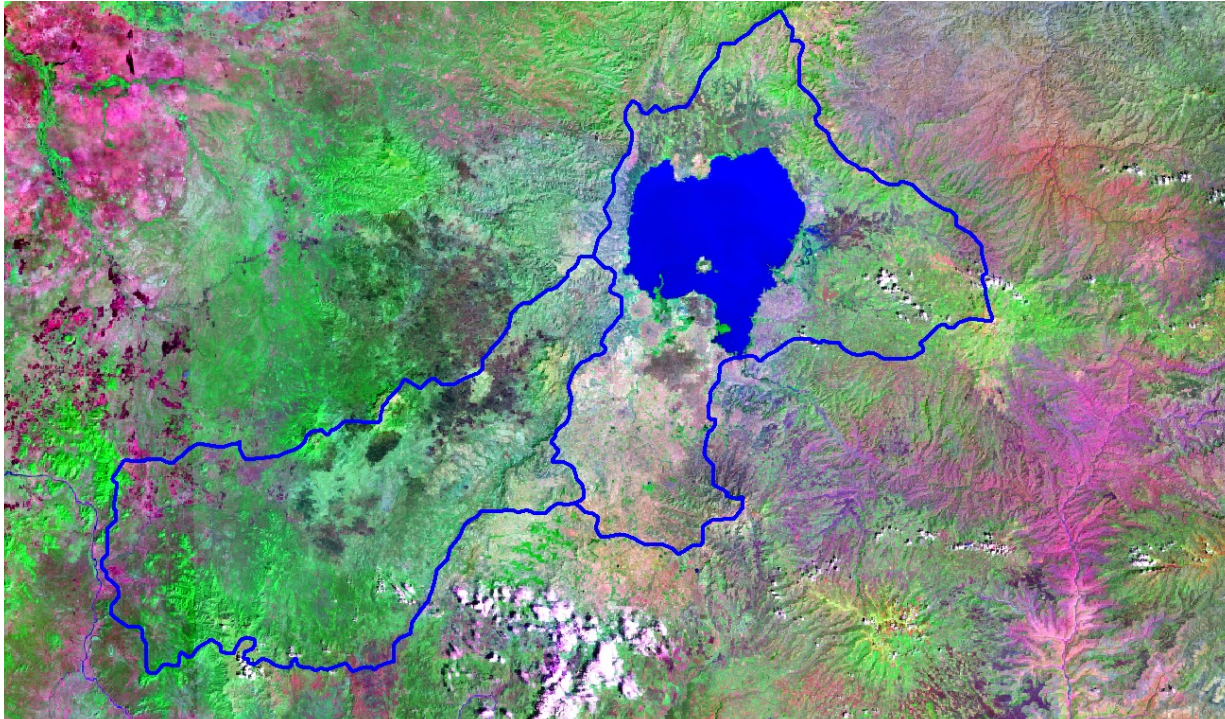
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## **Construction Sector Transparency Initiative (CoST)**

### **Assurance process**

**On**

### **Tana Beles Integrated Water Resource Management Project**



### **Final Report**

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20 September 2010

Addis Ababa

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## **Acknowledgement**

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## **Acronyms**

CoST	Construction sector Transparency
Dev't	Development
ICB	International competitive Bidding
LC	Letter of credit
LCS	Least cost selection method
MPI	Material Project Information
MoWR	Ministry of Water Resource
QCBS	Quality and Cost Best Selection
PPA	Public Procurement Agency
PE	Procurement Entity
IDA	International Development Association
G.W.I. M	Ground Water Investigation and Monitoring
W.I.S	Water Information System
SSS	Single Source selection

## 1. **EXECUTIVE SUMMARY**

- 1.1 The government of Ethiopia has made an agreed with the World Bank to fund loan amounts USD 27,400,000 to implement the irrigation and Drainage project over approximately 20,000 ha of new irrigation-led agricultural development and preparation of complete detailed feasibility studies for a subsequent development up to 80,000ha irrigable land within the basin .
- 1.2 The Tana Beles Integrated Water Resource Management includes resources planning and management, Natural resource management investment and Growth oriented investment preparations. The components of the projects are Ground Water Monitoring and Investigation, Water Information System, Audit service and Bathymetric survey of Lake Tana.
- 1.3 The planned objectives are intended to improve agricultural productivity and bring Sustainable water shed development investments, Livelihood improvement through supporting crop and livestock production, community infrastructures such as irrigation structures, access road, rural water supply source development and natural resource management including soil and water conservation.
- 1.4 Besides the project involves flood management and adaptations activities in flood prone areas around Lake Tana which incorporates two major assignments including flood risk management and flood mitigation planning.
- 1.5 The procurement process to employ the consultant for the project work was done based on the World Bank standard practices for QCBS. (Quality and Cost Based Selection).

QCBS is a competitive process among short-listed firms that takes into account the quality of the proposal and the cost of the services in the selection of the successful firm. Cost as a factor of selection shall be used judiciously. The relative weight to be given to the quality and cost shall be determined for each case depending on the nature of the assignment. For this procurement, 80% was given for quality

(Technical Proposal) while 20 % was allocated for cost (Financial Proposal). This approach is likely to provide good value for money.

- 1.6 In the tender process to employ the consultants, for Tana Beles Integrated water resource management project successful bidders have been awarded and signed the agreement to commence their assignments as per the term of reference.
- 1.7 For Audit consultancy, Audit service corporation consultant, for ground water investigation and monitoring Sogreah consultant, for water Information system BRLi consultants and for Bathy metric survey of Lake Tana Omega dev't service Plc, were awarded

## **2. INTRODUCTION**

### **2.1 Back ground**

- 2.1.1 Public sector infrastructure projects make a major contribution to the economic growth and poverty reduction of a nation. However, mismanagement and corruption during the planning and implementation of construction projects can undermine the expected social and economic benefits.

- 2.1.2 The Construction Sector Transparency Initiative (CoST) is a multi-stakeholders initiative designed to increase transparency and accountability in the construction sector. It is funded by the Department for International Development (DFID) of the UK and the World Bank and is currently being piloted in seven countries; i.e. in Ethiopia, Malawi, the Philippines, Tanzania, the United Kingdom (UK), Vietnam, and Zambia.
- 2.1.3 The aim of the CoST initiative is to enhance the accountability of procuring bodies and construction companies for the cost and quality of public sector construction projects. It achieves this aim through the public disclosure of key project information at all stages of the construction project cycle, with specific focus on the period from the award of the main contract for construction until the final build (implementation phase).
- 2.1.4 It is, however, recognized that the disclosure of this information on its own may not be sufficient to achieve greater accountability. This is because some of the information is likely to be complex and not easily intelligible to the general public. An independent Assurance Team (AT) is therefore appointed by the National Multi Stakeholder Group (NMSG) who will be responsible for assessing the adequacy and reliability of disclosed project information and audit processes, highlighting any causes for concern that the information reveals.
- 2.1.5 A number of projects from building, water, and road sectors have been identified by the NMSG of CoST-Ethiopia following the base line study. This report is prepared for one of water sector project, Tena Beles Integrated Water Resource Management Project in Amhara and Benshangul Gumuz region.

## **2.2 Objectives of the Pilot Study.**

- 2.2.1 The assurance team has been appointed to carry out the following tasks:
- Collect the project information
  - Verify the accuracy and completeness of the information
  - Report the extent and accuracy of the information which has been released

- Analyse the information and make informed judgments about the cost and quality of the project, and
- Report on the findings regarding the cost and quality of the project highlighting outstanding matters.

## **2.3 Scope of the assignment**

- 2.3.1 Liaising with the client/procuring entity to obtain all the relevant project information.
- 2.3.2 Verifying project information from the main contract award to final completion referring to other sources (e.g. the records of the consultant, contractor, and other members of the project team) Noting any significant changes (administrative or legal) in obtaining the information, and the resources required (time, cost).
- 2.3.3 Comparing the initial contract price, time and specification with the final project price, time and specification with the official explanation for the differences, noting the resources required for the task.
- 2.3.4 Undertaking a more detailed study of the contract documentation (variation orders, claims, application of price fluctuation clauses etc.) in order to assess whether the extensions of time and increases in cost were justified, noting the resources required for the task
- 2.3.5 Considering whether the information disclosed is adequate to assess whether the specified quality standards were achieved on the project, and if not what further information might be required to assess whether the client has actually 'got what she/he has paid for' Testing way to present the information to a multi-stakeholder audience by making a presentation (written and oral) to the National Multi Stakeholder Group (NMSG).
- 2.3.7 Prepare a report for the NMSG and the International Secretariat, containing detail account of the work undertaken, conclusion, and recommendations.



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## **2.4 Work carried out on the pilot study project**

- 2.4.1 The standard list of material project information to be disclosed on the target projects that was initially prepared by the International Secretariat has been adapted into a schedule so to suit this contract. Also a guideline for data verification and analysis provided by the office of CoST Ethiopia has been taken as tools.
- 2.4.2 The Ministry of Water Resources provided the documents as per the checklist we had given them. To quickly collect the data and because the source documents were not available readily we had to review the information right where they were stored.
- 2.4.3 While collecting and reviewing the information we have been discussing with the Project the project was Coordinator of the project so to be clear with certain cases, to verify the accuracy and completeness of information, and to obtain further understanding on how managed.
- 2.4.4 After identifying the information required the schedule of material project information is completed see (Annex 1).

## **2.5 The Tana Beles Project Description**

- 2.5.1 The Tana Beles Integrated Water Resource Management Project basin encompasses 200,000 km<sup>2</sup>. It is located in Amhara and Benshangul Gumuz regions. The beneficiaries are people living in this project basin. It is anticipated that the project will bring lively hood improvement and sustainable development to the public at large.
- 2.5.2 The integrated planning and management of water and land resource when synergized with critical investments and capacity building can provide an effective way to promote the regional economic and social growth.

2.5.3 The project involves Audit service for financial transaction, Ground water monitoring and investigation, water information system and bathymetric survey of Lake Tana.

**Table 1 a Contract Data for consultancy work**

Contract Name	Tana Beles IWRM Audit service.
Contract Number	TBIWRDP 17/09
Scope of work	Auditing the financial transaction performance of Tana Beles I.W.R.M.R
The Employer / Contracting Authority	MoWR(Ministry of water resources)
Financier	International Development Association]
The contractor/firm	Audit service corporation
Short listed Consultants and their offered price	Audit service corporation ,Getachew Kassaye & co,A.A Bromhead &co, A.W Thomas co, Taddese W/Gebrel,H.S.T& company(all from Ethiopia)
Original Contract Price	ETB 202,952.00 exclusive of all forms of taxes for three years.
Original Contract Period	Three years
Agreement signed date	29 August 2009
Date of proposal from the Bank for “NO OBJECTION”	It was authorized by MoWR
Work commenced Date	The work has been started & the first phase of the work was completed.

<b>Table 1b Contract Data for consultancy work.</b>	
Contract Name	Tana Beles IWRM Ground Water Investigation &Monitoring
Contract Number	TBIWRDP 03/09
Scope of work	Ground Water Investigation &Monitoring Tana Beles basins.
The Employer / Contracting Authority	MoWR(Ministry of water resources)
Financier	International Development Association]
The contractor/firm	Sogreah consultant
Short listed Consultants and their offered price	Sogreah consultant France,British Geological surveyUK, Schlumberger Nether lands, RoyalKeskong Nether lands, EGIS CEM France, UBR from USA
Original Contract Price	ETB 23,283,860.34 out of which 54% of the sum was agreed to be paid in foreign currency equivalent to € 864,377.55
Original Contract Period	21 months
Agreement signed date	30/04/2010
Date of proposal from the Bank for “NO OBJECTION”	April 10,2010
Work commenced Date	9/7/2010

<b>Table 1c Contract Data for Consultancy Work</b>	
Contract Name	Tana Beles IWRM Water Information System
Contract Number	TBIWRDP 01/09
Scope of work	Design, development & support in implementation & operation of basin information system.
The Employer / Contracting Authority	MoWR (Ministry of water resources)
Financier	International Development Association.
The contractor/firm	BRLi France
Short listed Consultants and their offered price	DHI associates Mott MacDonald UK, BRLi associates Halcrow UK, CES consulting Germany, Royal Henskonig Nether land, BETS Bangladesh, Poyry Austria.
Original Contract Price	ETB 32,535,218.05 out of which 86% of the sum was agreed to be paid in foreign currency.
Original Contract Period	32 months
Agreement signed date	10/06/2010
Date of proposal from the Bank for "NO OBJECTION"	May 24, 2010
Work commenced Date	13/7/2010



<b>Table 1d Consultancy contract Data.</b>	
Contract Name	Tana Beles IWRM Bathymetric survey of Lake Tana
Contract Number	TBIWRDP 08/09
Scope of work	To survey elevation and depth of Lake Tana
The Employer / Contracting Authority	MoWR
Financier	IDA
The contractor/firm	Omega Development services
Short listed consultants	Omega dev't service, Water works design& supervision enterprise, Information system service, Coastal consulting &exploration S.R.L
Original contract price	2,248,800 Birr exclusive of taxes.
Original contract period	6 months
Agreement signed date	20/07/10
Date of proposal from the bank for No objection	Authorized by internal system of the Ministry
Work commenced date	20 Aug 2010

### **3. Verification and analysis of the documents**

#### **3.1 World Bank Procedure**

- 3.1.1 It is important to outline the World Banks procedures for awarding and managing contracts in order to understand the proceeding and the documents disclosed.
- 3.1.2 The selection method adopted for the consultancy services is QCBS. (Quality and Cost Based Selection).
- 3.1.2 QCBS uses a competitive process among short-listed firms that takes into account the quality of the proposal and the cost of the services in the selection of the successful firm. Cost as a factor of selection shall be used judiciously. The relative weight to be given to the quality and cost shall be determined for each case depending on the nature of the assignment. For this procurement, 80% was given for quality (Technical Proposal) while 20 % was allocated for cost (Financial Proposal). This approach is likely to provide good value for money.

The selection process includes the following steps:

- i. preparation of the TOR;
- ii. preparation of cost estimate and the budget;
- iii. advertising;
- iv. preparation of the short list of consultants;
- v. preparation and issuance of the RFP [which should include: the Letter of Invitation (LOI); Instructions to Consultants (ITC); the TOR and the proposed draft contract];
- vi. receipt of proposals;
- vii. evaluation of technical proposals: consideration of quality;
- viii. public opening of financial proposals;

- ix. evaluation of financial proposal;
- x. final evaluation of quality and cost; and
- xi. Negotiations and award of the contract to the selected firm.

3.1.3 TOR shall define clearly the objectives, goals, and scope of the assignment and provide background information (including a list of existing relevant studies and basic data) to facilitate the consultants' preparation of their proposals. The Borrower is responsible for the preparation of the TOR for the assignment.

3.1.4 The evaluations of the proposals are to be carried out in two stages: first the quality, and then the cost. Evaluators of technical proposals shall not have access to the financial proposals until the technical evaluation, including any Bank reviews and no objection, is concluded. Financial proposals are opened after technical evolution. The evaluation shall be carried out in full conformity with the provisions of the RFP.

### **3.2 Project Identification**

3.2.1 The Tana Beles Integrated water resource management includes resources planning and management, Natural resource management investment and Growth oriented investment preparations.

3.2.2 A project appraisal report was prepared by MoWR in Feb 2008. The report analyzed the integrated water resource management problems in the regions, are paramount. In regard with this, the cost and benefit options made the project recommendations to be effective.

3.2.3 The project includes feasibility studies for irrigation and drainage spanning about 800,000ha.

### **3.3 Project fund**



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The Federal Democratic Republic of Ethiopia government signed an agreement with International Development Bank on 13 June 2008 to fund Tana Beles Integrated water resource management project. The amount of loan secured was SDR 27,400,000.00. The duration of the program is five years.

SDR=special Drawing right.

### 3.3.1 The schedule of financial withdrawal

Category	Amount to the financing allocated expressed in SDR	Percentage of expenditures to be financed inclusive of taxes
1) Works, goods and services consultants (Including audits, training under project)	24,800,000	100%
2) operating costs	2,000,000	100%
3) Refund of the project preparation advances	600,000	100%
<b>Total</b>	<b>27,400.000</b>	

### **3.4 Approach to awarding**

3.4.1 The following documents have been disclosed by the employer (MoWR)

- Tender proposal
- Fund agreement document
  
- Tender evaluation report
  
- Contract agreement
  
- Correspondences

3.4.1 The tender process has been performed by the employer (MoWR) as stated in 3.4.2

3.4.2 The approval of the concerned parties (World Bank for estimated assignments), expression of Interest was requested and advertised on the Ethiopian Herald only for assignments less than USD 100,000. If assignment is estimated to cost more than or equal to USD 100,000, it is subjected to advertisement on both the Ethiopian Herald and dg Market or UNBD Online.

3.4.3 The MoWR is entitled to authorize without prior consultation of the Bank for "no objection" for any consultancy services costing equal or less than USD 100,000.00.

3.4.4 Interest expressed is evaluated and approved by internal system of the PE and is done in compliance with the overall procedures set out by the Bank. Shortlisted consulting firms were requested to submit technical and financial proposals following the approval of World Bank. Proposals submitted by the firms were evaluated and approved (technical proposals first approved by tender committee and top authority in the Ministry of water resource). Then the award is issued following the no objection response from the Bank.

- 3.4.5 Firms were notified the results of technical evaluation and in the mean time responsive consultants were requested to attend for financial proposals opening.
- 3.4.6 Financial proposals were evaluated and the result is notified to technically responsive firms and the successful firm is instructed to negotiate and proceed with signing the contract. Therefore, results were presented to all participated in the bid.

### **3.5 Basic criteria for evaluation**

- 3.5.1 Based on the above technical and financial information, scores were listed accordingly by the evaluation committee. The minimum criteria for technical evaluation as indicated in RFP data sheet Para 5.2(a) is as stated in 3.5.2
- 3.5.2 For technical evaluation as mentioned above, the bidders, who score at least 70% are qualified to be responsive for financial evaluation. Then again, the financial is evaluated is determined as 20% for QCBS which is from score mark of 100 % (price of least offer). The combined highest percentage result is considered to be responsive and awarded as a successful bidder.
- 3.5.3 The documents disclosed were complete and accurate in that am satisfied to understand the overall contract award process.

### **Table 3 Bid process**

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S/ N	Tender descriptions	Tana Beles Integrated W R M project				Remark
		GW I M	W I S	B S L T	Audit service	
1	Expression of Interest was advertised on UNDB dg market on line & the Ethiopia Herald News paper	5 Dec 2008 24 Jan 2009	12 Feb2009 10March2009	12 Dec 09 ,,	13/7/2009	
2	The appointed committee shortlisted the No of firms and sent the RFP to the Bank for no objection	10 Jun 2009	5 June 2009	15/02/2010	-it is authorized by MoWR	
3	No objection response was given from the Bank	31 Aug 2009	4 JUL 2009	Post reviewed	-post review	
4	The RFP was sent to the short listed firms	8 Sep 2009	13 JUL 2009	15/02/2010	13 Jun 2009	
5	Bid proposal submission date with dead line	12 Nov 2009 at 11:30 AM	Original 28Aug 2010 at 11:30AM. Extended date Sep14,2010 at 11:30 AM	23/03/2010 at 12:00 AM	17 July 2009 at 12:00 AM	
6	Bid proposal opening date	12 Nov 2009 at 2:00PM	Sep 14,2009 at 2:00 PM	23/03/2010 at 2:00 PM	17 July 2009 at 2:00PM	
7	Committee Evaluation result sent to the Bank for " No objection"	25 Dec 2009	22 Dec 2009	Post reviewed	-	

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8	Bank responded "no objection"	April 10, 2010	May 24, 2010	-	-	
9	Agreement was signed with successful firm	April 30, 2010	10/6/2010	20/07/2010	29 Aug 2009	

**Table 4 Tender** evaluation Result (technical & financial responsive Firms)

Name project	Consultant firm	Financial offer	Financial score	Technical score	Result Score	Result
Audit service <b>Estimated cost (65,000) USD</b>	Audit service corporation	202,952 Birr	Least price	77.46	-----	1 LCS method
	H.S.T & company	691,641.05 Birr	-	90.15	-	2
Bathymetric survey <b>Estimated cost (100,000) USD</b>	Omega Dev't	2,248,800.00 Birr	20	66.88	86.88	1 QCBS
	Information system	7,509,645.00 Birr	3.67	60.40	64.17	2
GWIM <b>Estimated cost (1,500,000) USD</b>	Sogreah	23,283,860.34 Birr	16.30	66.28	82.58	1 QCBS
	Schlumberger	27,821,458.20 Birr	20	58.54	78.54	2 QCBS
Water Information system <b>Estimated cost (2,400,000) USD</b>	Uhl, Baron	71,178,017.40 Birr	13.46	57.87	71.33	4 QCBS
	DHI	29,278,863.61 Birr	20	60.91	80.91	2 QCBS
	BRLi	32,535,218 Birr	18	63.31	81.31	1 QCBS
	Poyry,	29,678,108.20 Birr	19.73	57.5	77.23	3 QCBS

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## **1 USD=13.65Birr**

### **4 Appointments of the consultants**

The documents that have been provided by PE are:

- Contract proposal document
- Bid evaluation report
- Contract award document
- Correspondences
- Consultant acceptance response letter

#### **4.1 Audit Service consultancy work**

4.1.2 According to the advertisement, the six short listed consultants submitted their contract proposal as shown in table 1a

4.1.3 In the evaluation process, the Audit Service Corporation and H.S.T & company were qualified in technical evaluation score of 77.66%, 90.35% respectively and responsive to financial evaluation. The financial evaluation was based on least cost method and the Audit service offered price ETB 202,952 was least. Therefore the firm was selected in technical and financial qualification

4.1.4 The agreement was signed on 29 Aug 2009 and completed the assigned of first year work schedule. The payment settled to July 2010 was ETB 54,000.00 as payment scheduled in the agreement.

## 4.2 **Sogreah consultant for Ground water investigation and monitoring consultancy**

4.2.1 The objective of this assignment is, to investigate the ground water potential of the Tana and Beles Sub-basins and subsequently develop a sound monitoring system collecting all the required data, geology/geomorphology, geophysical responses, drilling and pump testing, surface and groundwater quantity and quality, environment, modeling and economic aspects.

4.2.2 The ground water investigation and monitoring feasibility consultancy work tender was advertised on 8 Sep 2009 on The Herald news paper and on the dg market UNDB on line.

4.2.3 The dead line to submit their proposals was on September 8, 2009. Accordingly, six short listed bidders submitted their proposals for evaluation as shown in tabel b. The appointed tender committee has evaluated the technical and financial proposals according to International Competitive Bidding ( ICB) procedure.

4.2.4 The combined technical and financial evaluation result of the Sogreah firm scored the highest, 82.58% and selected as responsive and awarded contract price was ETB 23,283,860.34

4.2.5 This evaluation result was sent to the Bank for no objection on 25 Dec 2009. The contract agreement was signed on 30/04/10 and commenced the planned work on 9/7/10 to complete in 21 months. Currently, the contracted work is on progress to submit the inception report as the consultant reported and discussed with the study team. The total payment settled to Aug 2010 was ETB 4,600,000.00. The consultant delayed by two months to commence the work.

4.2.6 The consultant had started the assignment in full capacity. However it is delayed by two months to commence. In regard with this, the client has exchanged the correspondence to commence the project work on due time as per the schedule.

### **4.3 BRLi France consultant for Water Information system.**

- 4.3.1 The objective of this assignment is, to develop a sound Basin Information System (BIS) covering all water-related data (water resources and water use/demand, climate, ecology and environment, surface and groundwater, quantity and quality data), a central pillar of which will be an upgraded hydrological system (HIS) which will include the collection of field data at the required intensity.
- 4.3.2 The project, Design & implementation in the basin information system study, is one of the activities that the consultant to conduct during feasibility study.
- 4.3.3 The combined technical and financial evaluation result of the BRLI firm scored the highest, 81.31% and selected as responsive and was awarded.
- 4.3.4 The agreement was signed on 10/6/2010 between the consultant and the Ministry of Water Resource, the contract price amounts Birr 32,535,218.00. Detail of the evaluation report is shown in table 4
- 4.3.5 The consultant started the assignment on 13/7/2010 and currently on progress to submit the first inception report in Jan 2011.

### **4.4 Omega Dev't service consultant**

- 4.4.1 The objective of the study is to obtain accurate and up-to-date data on the elevation-area-storage characteristics of Lake Tana. To draw conclusions on dynamic changing characteristics of sedimentation, updated bathymetric survey is required for planning and management of the water resources of the Lake. This assessment would be made carrying out bathymetric survey at the appropriate level of details.
- 4.4.2 The consultant Omega Dev't service is one of the three bidders who submitted its submitted tender proposals to carry out the bathymetric survey of Lake Tana.



- 4.4.3 According to the evaluation criteria, the firm Omega dev't service has scored the highest 86.88% in technical and financial evaluation. The contract price was ETB 2, 2800.00. The agreement was signed on 20/07/10 for the contact duration of six months. The inception report was planned to be submitted in Sep 2010. But the client did not strictly follow and supervise the work progress for the subsequent action.
- 4.4.4 The study team communicated the firm delegate and responded that the work is on progress to submit the inception report on due time.
- 4.5 The documents and the correspondences in tender awarding procedures are complete and crosschecked. Therefore we are satisfied with the documents disclosed.

## **5. Key findings.**

- 5.1 In the Tana Belese Integrated Water Resource Management Project consultant employment was carried out according to the World Bank tender procedures.
- 5.2 The competitive prices were found to be less than the estimated price. Hence the proceeding of open tender is cost effective and has good value for money.
- 5.3 The Ground water Investigation consultant was delayed by two months to commence the work.

Assurance process report of Tena Beles Integrated Water Resource Management.

Annex 1 Material Project information.

<b>Stage in Project Cycle</b>	<b>Initial List of Disclosures</b>	<b>Project name: Tana Beles Integrated water resource management Project</b> <b>Procuring entity: Ministry of Water Resources</b>
Project identification	<p>Project specification</p> <p>Purpose</p> <p>Location</p> <p>beneficiaries</p>	<p>Tana beles Integrated water resource feasibility studies include Ground water investigation, Water information system, Audit service and Bathymetric survey.</p> <p>-To increase agricultural productivity in project areas.</p> <p>-To reduce soil erosion implementing watershed management.</p> <p>-To Improve the economic and living standards of the people in the basin areas.</p> <p>- To facilitate transport navigation at lake Tana by reducing silt depositions.</p> <p>Northern part of Ethiopia 600km to Amhara region, and 750 km to Bensangul region</p> <p>People living in 800,000Ha.lands of the basin in Amhara National and benshangul Gumuz regions.</p>
Project funding	Fund	27,400,000 SDR.
Tender process (Project design)	Tender procedure Name of main consultant	<p>Open tender.</p> <p>1 Sogreah for ground water investigation and monitoring.</p> <p>2.Audit service corporation for auditing</p> <p>3.BRLi for water information system</p> <p>4.Omega Dev't for bathymetric survey of Lake Tana.</p>

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Assurance process report of Tena Beles Integrated Water Resource Management.

Stage in Project Cycle	Initial List of Disclosures	Project name: Tana Beles Integrated water resource management Procuring entity: Ministry of Water Resources
Contract award ( Project Feasibility study)	Contract signed date	For Ground water signed on 30/04/09 For Audit service signed on 29Aug2009. For Water information system signed on 10/06/09 For Bathy metric signed on 10/06/10.
	Commencement date	<ul style="list-style-type: none"> <li>- Ground water investigation was commenced on 30/05/09.</li> <li>- Audit service work commenced on 30 Sep 09.</li> <li>- Water information system work was commenced on 10/07/09.contract</li> </ul>
	Contract programme	<ul style="list-style-type: none"> <li>- Bathy metric survey was commenced on 10/07/10</li> <li>1. Ground water investigation &amp; monitoring program was for twenty two months.</li> <li>2. Water information system information for thirty two months.</li> </ul>
	Contract price	<ul style="list-style-type: none"> <li>3. Audit service for three years.</li> <li>4. Bathy metric survey of Lake Tana for six months.</li> <li>- Ground water investigation contract amounts ETB23,283,860.34</li> <li>- Water information system contract amounts ETB 32,535,218.05.</li> <li>- Audit service contract amounts ETB</li> </ul>

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Assurance process report of Tena Beles Integrated Water Resource Management.

		202,952.00
		- Bathymetric survey of Lake Tana contract amounts ETB 2,248,800.00

Annex 1 MPI continued..

Stage of project cycle	List of MPI to be disclosed	Project name: Tena Beles Integrated Water resource Management project  Procurement entity: Ministry of Water Resource
Contract execution (project feasibility study)	<p>Change to contract price, program, with reason. Individual changes to contract which affect the price with reason</p> <p>Individual changes to the contract which affect the program with the reason</p> <p>Payment certificate</p>	<p>- Ground water Investigation &amp; Monitoring, Water information system, Audit service, Bathymetric survey of Lake Tana projects have no price change or variations was made due to the awarded works are at earlier stages and being on progress.</p> <p>- No program change or delays have been observed in the contracted works. Because, the awarded projects are on progress within the given time frame.</p> <p>- For Audit service 1<sup>st</sup> year (2010) assignment was completed and the payment settled amounts ETB 54,000 as the agreement made in contract document.</p> <p>- For ground water investigation 20% advance amounts ETB 4,600,000.00 was settled.</p> <p>- For the others (Water information system, Bathymetric survey of Lake Tana no advance and other payments were made as of July 2010.</p>

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**Annex 2: Material Project Information and “causes for concern”**

Stage in Project Cycle	List of disclosures	Possible Causes for concern
Project identification	Project specification	
	Purpose	
	Location	
	Intended beneficiary	
	Feasibility study	
Project funding	Financing agreement	
	Budget	
	Engineering estimate	
Tender process (Project design)	Tender procedure	
Tender process (Project supervision)	Tender procedure	

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### Annex 3 Consultancy work and payments schedule

s/n	Activity completion & reports	Payments To be made from the total work	Report submission period	Remark
<b>Water Information System Consultancy work</b>				
1	Commencement	20%advance	13/07/10	Contract signed 10/6/10
2	Draft inception report submission	15%	6 <sup>th</sup> month	
3	Draft Design report submission	5%	10 <sup>th</sup> month	
4	Draft interim report submission	20%	18 <sup>th</sup> month	
5	Draft final stage 1 report submission	10%	30 <sup>th</sup> month	
6	Draft Final report submission	10%	31 <sup>th</sup> month	
7	Final report submission	25%	32 <sup>th</sup> month	
<b>Bathymetric Survey of Lake Tana</b>				
1	Commencement		20/8/10	Contract signed 20/7/10
2	Inception report submission	20%	At the end of 1 month	
3	Interim progress report	25%	At the end of 2	

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	submission		month	
4	Draft study report submission	30%	At the end of 5.25 month	
5	Final study report submission	20%	At the end of 6 month	
<b>Ground water Investigation &amp; monitoring</b>				
1	Commencement		9/7/10	Agreement signed on 30/4/10.
2	Inception report submission	Not indicated in %	Month 2	Report delayed
	Interim report 1 submission	"	Month 5	
	Draft final stage 1 submission	"	Month 8	
	Final stage 1 report	"	Month 9	
3	Draft final stage 11 submission	"	Month 12	
	Interim report 111	"	Month 15	
	Draft final stage 11 report	"	Month 20	
	Final stage 11 report	"	Month 21	Progress report in Every month

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