

Construction Sector Transparency Initiative (CoST)- ETHIOPIA

**Assurance Team Final Report
October 2010**

**World Bank Financed Ethiopian Nile Irrigation and Drainage
Project**

**Feasibility Studies
(About 80,000ha net Irrigation and Drainage Schemes
Megech at Robit, Upper Beles and Negesso Dam)**

October 2010



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PROJECT NAME	TEAM LEADER	TEAM MEMBER
World Bank Financed Ethiopian Nile Irrigation and Drainage Project	BERHANU ALEMSEGED	TESEMA HABTE
Feasibility Study (Approx.820,000ha Irrigation & Drainage)		October 2010

Acronyms

AT	Assurance Team
ANRS	Amhara National Regional State
ARARI	Amhara Regional Agricultural Research Institute
AWPB	Annual Work Plan and Budget
BoFED	Bureau of Finance and Economic Development
BoWRD	Bureau of Water Resources Development
BoARD	Bureau of Agriculture and Rural Development
CoST	Construction Sector Transparency
CPA	Cooperative Promotion Agency
EIDP	Ethiopian Irrigation and Drainage Project
ETB	Ethiopian Birr /Currency
EPLAUA	Environmental Protection, Land Administration and Use Authority
EOI	expression of interest
ESIA	Environmental and Social Impact Assessment
FDRE	Federal Democratic Republic of Ethiopia
FY	Fiscal Year
ha	hectare
GPN	Development Business Magazine
IDA	International Development Association
ITC	Instructions to Consultants
LOI	Letter of Invitation
MPI	Material Project Information
MoWR	Ministry of Water Resources
MSG	Multi-Stake Holder Groups
M&E	Monitoring and Evaluation
NMSG	National Multi-Stake Holder Groups
N/A	Not Available
PSC	Project Stirring Committee
PE	Procuring Entity
QCBS	Quality- and Cost-Based Selection
RFP	Request for Proposal
RAP	Resettlement Action Plan
S. No.	Serial Number
TOR	Terms of Reference
UN	United Nations
VAT	Value Added Tax
WB	World Bank
%	Percentage

1. EXECUTIVE SUMMARY

1.1. Project Description

1.1.1. Ethio-Nile Irrigation and Drainage Project is one of the development programmes in a series of Nile investments with a total amount of 110 million USD budget to develop approximately 100,000 ha irrigable land within 8 years program from 2008 to 2015. The project is located within the Nile basin of the country, Ethiopia. The development objective of the project is to sustainably increase agricultural output and productivity of local farmers, thereby reduce rural poverty in Ethiopia at large. The Ministry of Water Resources, has established project coordinating office at national level for the coordination and monitoring of the project. Also at region and district level project implementation teams are established. Currently the project is at feasibility study and detail design phase under two contracts (app. 20,000ha and 80,000ha contracts).

1.2. Approach to Awarding Contract

1.2.1. Here the service is Feasibility Study approximately for 80,000 ha Irrigation & Drainage project. The employer is Federal Democratic Republic of Ethiopian through the Ministry of Water Resources, which entered into a contract agreement with HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) with Lump-Sum (fixed) contract price amounting 2,651,574.55 GBP and local currency 35,725,736.70 ETB with VAT. The contract agreement was signed on 13th February, 2009 for 24 months of contract period.

1.2.2. The consultant employed for this project is selected according to the Quality- and Cost-Based Selection (QCBS) of World Bank procedure. Each step should be approved with No Objection by World Bank. The percentage weights allocated for technical and financial proposal so to select the best bidder are 80 and 20 respectively. Evaluation Criteria was set by 5 committee members from the PE and approved by the Main Tender Committee. A total of 22 potential consultants had expressed their interest to contest for the assignment. The submission deadline was 17 August 2007. Out of which six firms were short listed and 2 of them reserved during the short listing evaluation process. All the 6 firms submitted their Technical and Financial proposals. 5 firms evaluated to be technically responsive and qualified for financial evaluation. Finally, the service contract was signed on 13 February 2009 with HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) for a contract period of 24 months.

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1.2.3. The procurement process took about 18 months (from 13 July 2007 to 13 February 2009) due to encountered notable delays on both sides (WB and PE) processes.

The short listing report prepared by the PE on September 2007 was sent to WB for No Objection on 13 October 2007. However, the bank issued its no objection statement on 30 October 2007. Then, the Request for Proposal (RFP) was submitted to the on 16 December 2007 which is after 6 weeks. WB approved after a month. The consulting firms' proposal submission date was extended from March 19, 2008 to April 03, 2008.

The technical evaluation report was sent to WB after 2 months on 2 June 2008. The bank replied "No Objection" after 3 months on 10 Sept. 2008. Financial proposal opening date was postponed from 1 to 8 Oct. 2008. Combined Technical and Financial Report Submitted to WB on 01 November 2008. The bank approved after 3 months on 5 February 2009. Finally, Contract agreement was signed on 13 February 2009 which is after 18 months since the announcement of Expression of Interest, on 13 July 2007.

1.3. The Consulting Service Progress

1.3.1. According to the RFP, the commencement date was 9 March 2008. Actually, the service commenced on 23 March 2009 which is after a year delay, compared to the RFP commencement date.

1.3.2. The total payment up to July 2010 was about 35 % of the contract price. However, 70.8% of the contract period is elapsed.

1.3.3. During the appraisal document the assignment was stated to be Feasibility and Detail Design. However, during implementation changed to Feasibility Study only. The detail design part is missed in the HALCROW service.

1.4. Recommendations

1.4.1. The procurement process delay should be minimized by some means that should be set by the two parties negotiation. For example, WB may assign a staff for the follow up in the PE country during the procurement process.

1.4.2. The PE should give more care and emphases to enhance the progress of the project by implementing day to day and weekly follow up.

1.4.3. The PE should strengthen the coordination unit/office by hiring individual consultants capable of managing especially contractual and technical issues.

1.4.4. Ministry of Water Resources should consider dividing such contract into smaller parallel contracts called lots in order to improve the whole progress of the project.

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2. INTRODUCTION

2.1. *Background*

- 2.1.1. The Construction Sector Transparency Initiative (CoST) aims to increase the accountability of public sector organisations and construction companies for their construction projects for the cost, time and quality of public sector construction projects. It will do this by disclosing information at all stages of the construction project cycle, from the initial identification of the project to the final completion. To achieve this, the disclosed information will be verified and analyzed for accuracy and factually assessed by experts AT appointed for this purpose to be easily understood by stakeholders.
- 2.1.2. . It is being piloted in seven countries, Ethiopia being one of them. The MSG directs the implementation. It consists of representatives from government, the private sector and civil society. Country coordinating office is managing the pilot on behalf of the MSG.
- 2.1.3. Projects for the pilot study were identified before the AT team was assigned. In this assignment one professional was responsible to handle two contracts one consulting service contract and the other works contract. The consulting service is about Ethio-Nile Irrigation and Drainage Project contract. However, when I get in to the assignment the service have been found to be two contracts which are the 20,000 and 80,000 ha irrigation and drainage projects. Both these consulting contracts are verified and analysed by this AT member.
- 2.1.4. This Ethio-Nile Irrigation and Drainage Project is 8 years program, 110 million USD budget and 100,000 ha command area financed by World Bank. Here, the report deals part of this project which is the feasibility study app. 80,000 ha service contract. The 20,000 ha is covered by the other similar report.
- 2.1.5. The assurance team appointed for this specific pilot study comprises two senior water resources engineers specialized in hydraulics engineering one as a team leader and the other as team member. The team has a collective responsibility to collect and analyse project information and generate analytical report of the assurance process. This report has been prepared by Tesema Habte, AT member.

2.2. Objectives of the Study

The role of the Assurance Team, who will be answerable to a National Multi-Stakeholder Group (NMSG) responsible for CoST-Ethiopia, is has a role of interpretation in helping to make raw data disclosures understandable to a wider range of stakeholders.

The assurance process will have the following core objectives:

- collect the project information
- verify the accuracy and completeness of the information
- analyse the information and make informed judgements about the cost and quality of the project
- report on the findings regarding the cost and quality of the project and highlighting any outstanding questions.
- to produce reports that are clearly intelligible to the non-specialist.

2.3. Study Approach and Work Carried Out

2.3.1. The Assurance Team (AT) obtained an induction from the National Multi-Stakeholder Group (NMSG) at the beginning of this assignment.

2.3.2. The team had thoroughly reviewed the documents obtained. To check for consistency and accuracy, similar documents from consultants have been collected and analysed.

2.3.3. Data and information were collected and compiled according to the formats and tools given by the country coordinating office. This was done with the view to assessing compliance with procurement procedures stipulated during tendering phase. Documentation was then carried out to record, assess and report findings and recommendations obtained from the study.

2.3.4. The Ministry of Water Resources coordinates the project through the established coordinating office and was collaborating through the process.

2.3.5. Frequent discussions were made with the project coordinator and the staffs involved in the project implementation on required issues.

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2.3.6. The documents and data collected fall into the following category.

Report Type	Document Date	Prepared by	Remark
Project Appraisal Document	May 6, 2007	MoWR	
Financial Agreement	July 13, 2007	MoWR	
Consultant Short Listing Evaluation Report	September 2007	MoWR	<ul style="list-style-type: none"> • 22 Consulting Firms Expressed interest • 6 Consulting Firms short listed • 2 Consulting Firms reserved
RFP (Request for Proposal)	January 2008		
Technically Qualified Firms Proposal	Deadline for submission of proposal extended from March 19, 2008 at 2:00PM to April 03, 2008 at 2:00PM		6 Consulting Firms submitted
Technical and Financial Evaluation Report for selection of Consulting Firms	October 2008		
Consulting Service Contract Agreement	13 February 2009		Ministry of Water Resources and HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)
Addendum 01 for Contract agreement	25 th June 2009		Ministry of Water Resources and HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)
Payment certificates			
Correspondence letters			

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2.4. Project Description and Location

Descriptions

- 2.4.1. Ethio-Nile Irrigation and Drainage Project is one of the development programmes in a series of Nile investments with a total amount of 110 million USD budget to develop approximately 100,000 ha irrigable land within 8 years program from 2008 to 2015. The project is located within the Nile basin of the country, Ethiopia. The development objective of the project is to sustainably increase agricultural output and productivity of local farmers, thereby reduce rural poverty in Ethiopia at large. The Ministry of Water Resources, has established project coordinating office at national level for the coordination and monitoring of the project. Also at region and district level project implementation teams are established. Currently the project is at feasibility study and detail design phase under two contracts (app. 20,000ha and 80,000ha contracts).
- 2.4.2. It also forms a key element of the World Bank's strategy in Ethiopia, in particular its Interim Country Assistance Strategy (ICAS), predicated on twin pillars of good governance and growth, in particular pro-poor growth along with productivity enhancement.
- 2.4.3. Here, the report deals with the Consulting Service contract of Feasibility Study approximately 80,000 ha Irrigation & Drainage project which is part of the Ethio-Nile Irrigation and Drainage Project (EIDP).
- 2.4.4. The project is located within the Nile basin that draining the northern and central parts of the country. It is implemented as a national project, located in the three regions namely Amhara, Oromia and Benishangul.
- 2.4.5. The objective of the development programme is to sustainably increase agricultural output and productivity in project areas. Anticipated results include an increase in quantities of major products marketed by farmers as well as in value added per unit area and worker.
- 2.4.6. This Feasibility Study Irrigation & Drainage project includes:
- Megech at Robit, (Gross area of 6,532 ha to be commanded with net irrigable area of 5,552 ha.)
 - Upper Beles, (gross irrigation command area is 63,200 ha and net area is about 53,720) ha, and
 - Negesso Dam (command area 26,841 ha and net irrigable area of 22,815 ha).

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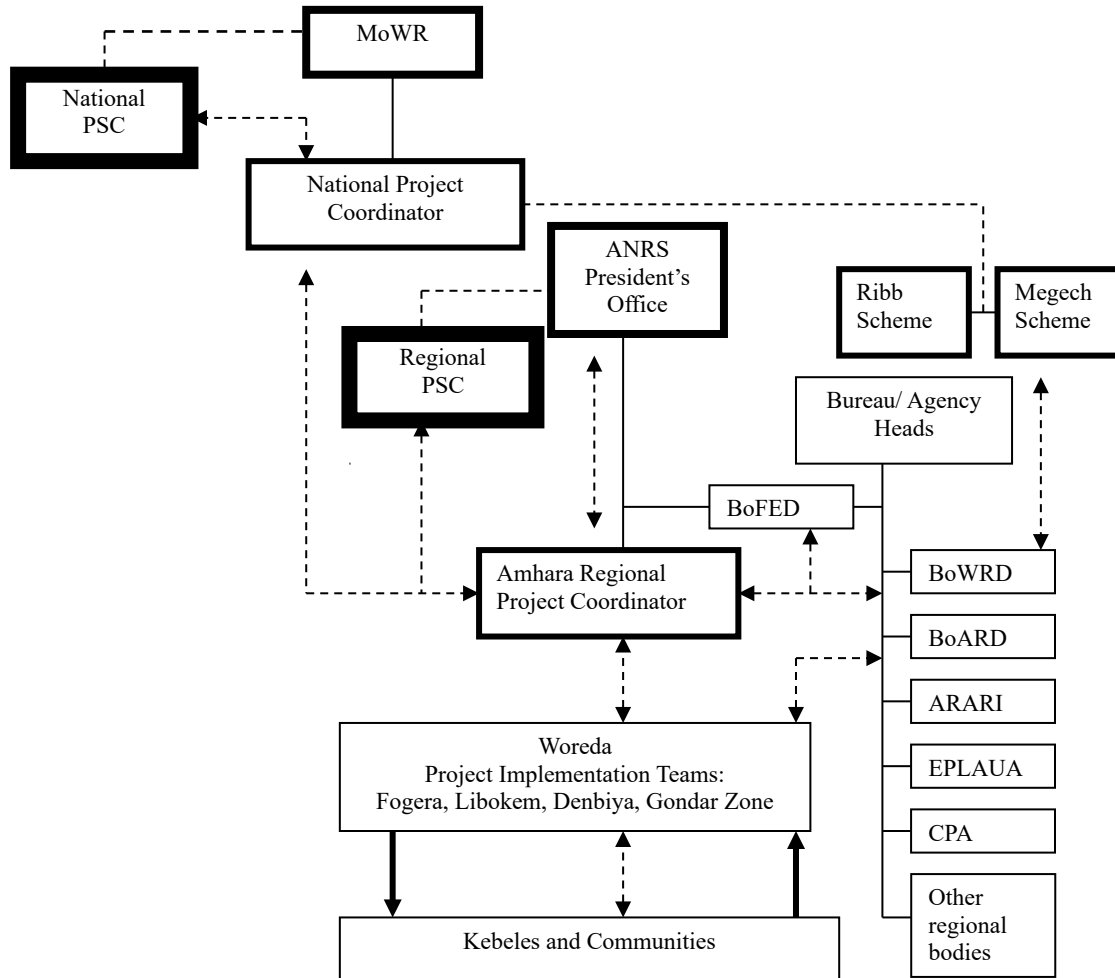
Project Location

2.4.7. EIDP is implemented as a national project located mainly in Amhara, Oromia and Benishangul- Gumuz National Regional State.

- The Megech at Robbit Irrigation and Drainage Project area is located in northern part of the country in Amhara Regional State, North Gonder zone in Dambia Wereda and near northern shoreline of Lake Tana. Gross area of 6,532 ha to be commanded with net irrigable are of 5,552 ha. A pumping station located on the east side of the Megech River, north of the village of Mutra, is to lift water from Lake Tana to the head of the contour line 1,795 m.
- Upper Beles project area is divided between Amhara and Benishangul- Gumuz National Region State. In Amhara the project lies in Achefer and Dangila Weredas of the West Gojjam Zone and in the Alefa Takusa Wereda of the North Gonder Zone. In Benishangul- Gumuz the project is located in the Dangur Wereda of the Metekel Zone. It lies in the upper part of the Beles river basin, on both sides of the Beles River. Gross irrigation command area is 63,200 ha and estimated net area is about 53,720 ha.
- The Negeso Dam Scheme site is on both sides of the Negeso River. The project area is located in the Oromia National Regional State, in the Weredas of Sibu Sere, Wayou Tuka, Likadilecha, Jima Arjo and Nunu Kumba of the East Wellega Zone. The zonal capital is Nekemte, which is 328 km due west of Addis Ababa. The command area is 26,841 ha with net irrigable area of 22,815 ha on both sides of the Negeso River.

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2.4.8. Overall information and reporting links



←- - -> = Information and reporting links. Include submission of AWPBs, periodic reporting & participation in M&E Activities

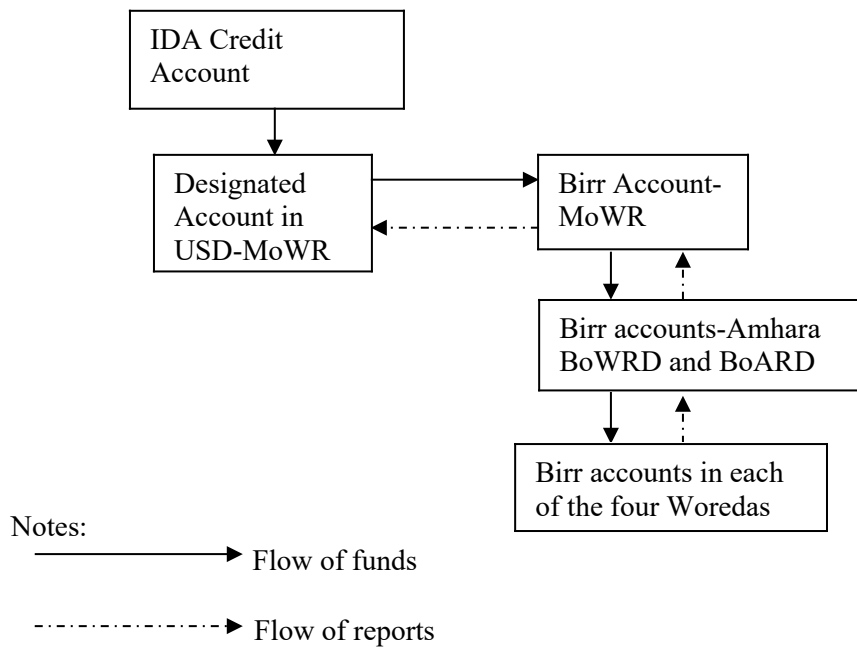
The employer and PE is Federal Democratic Republic of Ethiopian (FDRE) through the Ministry of Water Resources MoWR), who entered into a contract agreement with HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting of Ethiopia at a Lump-Sum (fixed) contract price of the foreign currency 2,305,717.00 GBP without VAT or 2,651,574.55 GBP with VAT and local currency 31,065,858 .00 ETB without VAT or 35,725,736.70 ETB with VAT. The Consultancy Contract agreement was signed on 13th February, 2009. It is 24 months assignment.

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The PE is coordinating and monitoring the project through the coordinating offices at national level (under the Irrigation and Drainage Department) and regional level. Overall management of the project is undertaken by the national and regional project coordinating offices. Project Steering Committee (PSC) gives support for technical issues. Regional Directors board gives support to organize the regional Bureaus. Decisions and other issues reach up to the higher officials and the Minister depending on the weight.

2.4.9. Flow of funds to implementing agencies



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3. VERIFICATION AND ANALYSIS OF DOCUMENT

3.1. World Bank Procedure

The Ministry's procedures for awarding of contract slightly vary depending on the source of the fund. Here, World Bank funded project is explained since the fund is from IDA, World Bank source.

- 3.1.1. The procurement process followed the World Bank standard procedures for selection and employment of Consultants by World Bank Borrowers.
- 3.1.2. The selection method adopted for this service consulting firm procurement is QCBS (Quality- and Cost-Based Selection).
- 3.1.3. 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.
- 3.1.4. The selection process shall include 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.
- 3.1.5. TOR shall define clearly the objectives, goals, and scope of the assignment and provide background information (including a list of existing relevant studies and

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basic data) to facilitate the consultants' preparation of their proposals. The Borrower / PE shall be responsible for preparing the TOR for the assignment.

3.1.6. The evaluation of the proposals shall 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 shall be opened only thereafter. The evaluation shall be carried out in full conformity with the provisions of the RFP.

3.1.7. Each step should be approved by the WB to proceed the next step.

3.2. Project Identification and Budget

3.2.1. For most of the water projects, the first stage is to prioritize and select projects from previously studied Master Plan study. Accordingly, this project is initiated from the Abay (Nile) Master Plan study.

3.2.2. The following documents are available for project clarification

- Project Appraisal Document dated May 6, 2007 was prepared by the Ministry of Water Resources.
- Financial agreement document dated July 13, 2007.
- Project implementation manual dated September 2007

3.2.3. Accordingly, Project Appraisal Document dated 6 May 2007 for the EIDP was prepared by the Ministry of Water Resources. This report describes briefly about the project, institutional and implementation arrangements, project costs, financial management and disbursement arrangements, procurement arrangements, financial and economic analysis.

3.2.4. The Project Appraisal Document forecast the total cost for the project as follows,

Source of Fund	Amount of Fund			Type of Fund
	Local	Foreign	Total	
FDRE	7.00	0.00	7.00	
IDA	54.00	46.00	100.00	Loan
Local Communities	3.00	0.00	3.00	
Total	64.00	46.00	110.00	

Estimated Disbursements (Bank FY / US \$ m)								
FY	2008	2009	2010	2011	2012	2013	2014	2015
Annual	19.00	22.00	22.00	15.00	5.00	5.00	5.00	2.00
Cumulative	19.00	44.00	68.00	78.00	83.00	88.00	93.00	100.00

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3.2.5. The project appraisal document forecast the procurement arrangement for the project as follows,

Description of the Work / Assignment	Estimated Cost in US\$ 000'	Procurement / Selection Method	Review by Bank	Expected Proposals Submission Date
Consultants' service to conduct Feasibility Studies on 80,000ha (Megech, Upper Beles, Anger, Negesso)	6857	QCBS	Prior	27 May 2009

3.2.6. Financial Agreement, dated 13 July 2007, was entered into between Federal Democratic Republic of Ethiopia ("Recipient") and International Development Association (IDA). In this report it has been tried to briefly describe the project monitoring, reporting and evaluation, procurement, withdrawal of the proceedings of the financing and repayment schedule.

3.2.7. The project Financial Agreement Document specifies the categories of Eligible Expenditures as shown on the table below. The allocation of the amount of the Financing to each Category, and the percentage of expenditures to be financed for Eligible Expenditures in each Category shown below:

S. No.	Category	Amount of the Financing Allocated (expressed in SDR)	Percentage of Expenditures to be Financed
1	Goods and Equipment	1,180, 000	100 % of foreign expenditures and 90% of local expenditures
2	Civil Works	29,300,000	100 % of foreign expenditures and 90% of local expenditures
3	Consultants' Services and Audits	19,410,000	90%
4	Training and Workshops	2,360,000	100%
5	Grants	1,320,000	100%
6	Operating Costs	1,770,000	90 % expenditures incurred before October 31,2009, 70% for expenditures incurred before October 31,2011,

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			50% for expenditures incurred before October 31,2013, and 40% thereafter.
7	Refund of project preparation Advance	460,000	
8	Unallocated	9,800,000	
Total Amount		65,600,000 (US\$100 million Equivalent)	

3.2.8. The project Financial Agreement Document forecasts the closing date to be October 31, 2015.

3.2.9. Project Implementation Manual dated September 2007, for the EIDP prepared by the Ministry of Water Resources. It is tried to describe briefly about the components and sub-components detailed description and implementation schedule.

3.2.10. Having considered the documents from the Ministry of Water Resources in light of the World Bank procedures, we are satisfied that these documents adequately identify the project and the funding for the project except feasibility study and detail design procurement was not forecasted in the project appraisal document. Only construction works and services were scheduled.

3.3. Approach to Awarding Contracts –

3.3.1. Terms of Reference (ToR) for the consultancy service of Feasibility Study of Irrigation and Drainage Projects in the Nile Basin of Ethiopia (Approx. 80,000 ha) was prepared by the MoWR. The ToR describes about the proposed study, organizations and management, project area and description of the project. Also, the ToR includes explanations about the scope, methodology, schedule, deliverables, staff requirements, technical and financial proposal contents of the consulting firm.

3.3.2. The procurement process followed the QCBS World Bank standard procedures. The invitation for expression of interest (EOI) was posted on UN Development Online /Web site on 31 July 2007. Expression of interest submission deadline was on 17 August 2007. 5 committee members organized from the PE for the short listing. Evaluation Criteria was set by this committee and approved by the Main

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Tender Committee. A total of 22 potential consultants had expressed their interest to contest for the assignment. Out of which 6 firms short listed and 2 reserved on the short listing evaluation process. Finally, no objection acquired from WB on 30 October 2007. Then, RFP was sent on 25 January 2008 to the consulting firms. The proposal submission dead line was extended by two weeks from March 19 to April 3, 2008 due to the firms' request. All the six invited consulting firms submitted their Technical and Financial proposals. The selection was based on the quality and cost based selection (QCBS); the percentage weight for technical is 80% and for financial is 20%. All the 6 firms submitted their Technical and Financial proposals. The consulting firms those who scored above 70% of the technical score were qualified. 5 firms evaluated to be technically responsive and qualified for financial evaluation. Consulting Engineers Service (India) Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia) rejected to be qualified for the financial evaluation since scored below the minimum required percentage, 70 %.

3.3.3. SNC-LAVALIN International (Canada) requested for re-evaluation of its technical proposal on soil sampling density and staffing arrangements of key staffing proposed by the consultant on 23 September 2008. The technical committee reviewed the technical evaluation of the firm and ascertained the evaluation to be correct. The public opening of the financial proposal postponed from 1 October to 8 October at 2:00 pm, 2008 to review the SNC-LAVALIN International (Canada) technical proposal as per its request.

3.3.4. The procurement process took about 18 months (from 13 July 2007 to 13 February 2009) due to encountered notable delays on both sides (WB and PE) processes. The short listing report prepared by the PE on September 2007 was sent to WB for No Objection on 13 October 2007. However, the bank issued its no objection statement on 30 October 2007. Then, the Request for Proposal (RFP) was submitted to the on 16 December 2007 which is after 6 weeks. WB approved after a month. The consulting firms' proposal submission date was extended from March 19 to April 03, 2008. The technical evaluation report was sent to WB after 2 months on 2 June 2008. The bank replied "No Objection" after 3 months on 10 Sept. 2008. Financial proposal opening date was postponed from 1 to 8 Oct. 2008. Combined Technical and Financial Report Submitted to WB on 01 November 2008. The bank approved after 3 months on 5 February 2009.

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- 3.3.5. The approval of draft contract document delayed for 3 months (equivalent to 12.5 % of the assignment period) from 01 November 2008 up to 5 February 2009 due to the WB comment especially to submit with draft minutes of negotiation. The WB objected especially the change of payment schedule from the RFP requirement.
- 3.3.6. Finally, Contract agreement was signed on 13 February 2009 which is after 18 months since the announcement of Expression of Interest, on 13 July 2007.
- 3.3.7. According to the RFP, the commencement date was 9 March 2008. According to Contract agreement, contract signed on 13 February 2009.
- 3.3.8. Commencement date was 28 days after the receipt of the Advance Payment in the Consultants' Bank account. Actually, the service is commenced on 23 March 2009 which is after a year, compared to the RFP commencement date.
- 3.3.9. The detail of the procurement procedure is tabulated under **Annex D** for more clarification.

3.4. *Consultancy Contract*

- 3.4.1. The following documents have been provided in relation to the appointment of HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) for the consultancy service of Feasibility Studies of about 80,000 ha net Irrigation and Drainage Schemes of Irrigation and Drainage Projects in the Nile Basin of Ethiopia.
- Terms of Reference (ToR),
 - Technical proposal,
 - A Contract Agreement dated 13 February 2009,
 - Addendum 01 dated 25th June 2009,
 - Payment Certificates (One advance payments and four payments),
 - Correspondence letters.

3.4.2. The Initial Contract Prices, Scope and Programme

The employer is Federal Democratic Republic of Ethiopian (FDRE) through the Ministry of Water Resources MoWR), who entered into a contract agreement with HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting of Ethiopia at a Lump-Sum contract price amounting 2,651,574.55 GBP and local currency 35,725,736.70 ETB with VAT. The Consultancy Contract agreement was signed on 13th February, 2009.

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World Bank Financed Ethiopian Nile Irrigation and Drainage Project Feasibility Study (Approx.820,000ha Irrigation & Drainage)	BERHANU ALEMSEGED	TESEMA HABTE
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- The scope is Feasibility Studies of about 80,000 ha net Irrigation and Drainage Schemes for
 - Megech at Robit, (Gross area of 6,532 ha to be commanded with net irrigable are of 5,552 ha.)
 - Upper Beles, (gross irrigation command area is 63,200 ha and net area is about 53,720) ha, and
 - Negesso Dam (command area 26,841 ha and net irrigable area of 22,815 ha).
- The contract is lump sum (Fixed) contract. There is no bonus and penalty arrangement.
- The agreement was signed on 13th February, 2009.
- The time period allocated was 24 months,
- The date for the commencement of Services is 28 days after the effective date.
- Actually, commenced on 23rd March 2009.
- Original Lump-Sum contract price of the foreign currency 2,305,717.00 GBP without VAT or 2,651,574.55 GBP with VAT and local currency 31,065,858 .00 ETB without VAT or 35,725,736.70 ETB with VAT.

3.4.3. Information related to project changes (variation orders)

During the appraisal document the assignment is stated to be Feasibility and detail design. However, now the assignment is changed to Feasibility study only. That means the detail design part is missed in the assignment.

Additional withholding Tax, 2% amount which is equal to 46,114.35 GBP and 621, 317.16 ETB added to the Original Price.

No	Date of issue	Reason for variation	Work required	Effect on cost	Effect on programme / time	Effect on quality
1.	25 th June 2009	2 % withholding Tax	No change in work volume	Additional amount 46,114.35 GBP and 621, 317.16 ETB	N/A	N/A

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3.4.4. Information related to project changes (without variation orders)

No	Type of Change	Reason for the change	Amount of the change	Effect on cost	Effect on programme / time	Effect on quality
1.	N / A					

3.4.5. Total amount Paid to date is 807,000.96 UK£ and 10,478,841.36 ETB (See Annex). The total payment up to date is about 35 % of the UK£ and 33.73 % of ETB. However, 70.8% of the contract period is elapsed.

3.4.6. We are satisfied that the documents describe fully and accurately the appointment of HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) for Feasibility Studies of about 80,000 ha net Irrigation and Drainage Schemes.

3.5. Summary of Tender and Award

Tender process (project design)	Tender procedure	QCBS
	Number expressing interest for short listing	22
	Number short listed	6 and additional 2 reserved
	Number submitting	6

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	Proposal	
	List of tenderers	<p>1. SNC-LAVALIN International (Canada) and Hydsrosult Inc (Canada) in association with Metaferia Consulting Engineers PLC (Ethiopia), Water and Power Consulting Services (WAPCOS) (India), and Amare and Families Consulting Engineers (ABCE) PLC (Ethiopia)</p> <p>2. Mott MacDonald Limited in association with BRLi (France), Metaferia Consulting Engineers PLC (Ethiopia), Yerer Engineering (Ethiopia) and Shebelle Consult (Ethiopia).</p> <p>3. SMEC International Limited (Australia) Pty Ltd in association with WS Atkins International Limited (UK) and Tropics Consulting Engineers PLC (Ethiopia)</p> <p>4. GIBB Africa Ltd (Kenya) in association with Dillon Consulting (of Canada)</p> <p>5. HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)</p> <p>6. Consulting Engineers Service (India) Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia).</p>
	Tender evaluation report	-yes
Contract award (project design)	Name of main consultant	HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)
	Contract price	Lump-Sum of foreign currency without VAT 2,651,574.55 GBP and 35,725,736.70 ETB
	Contract scope of work	<p>Consultancy Services for Feasibility Studies of about 80,000 ha net Irrigation and Drainage Schemes</p> <ul style="list-style-type: none"> • Megech at Robit, • Upper Beles, (gross irrigation command area is 63,200 ha and net area is about 53,720) ha, and • Negesso Dam (command area 26,841 ha and net irrigable area of 22,815 ha).
	Contract programme	24 months
	Variations	2 % withholding Tax

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3.6. Main Correspondence Letter Summary

S. No.	Date	Reference No.	Written by / to	Required Subject/concern	Written in Response to	Remark
1	7 April 2009	WH/FIND/71/010	Consultant / PE	Main part of the Halcrow assignment, Upper Beles area 63,200 ha, were awarded to Amhara Design and Supervisions Works Enterprise by the Regional Water Resources Development Bureau.	WH/FIND/71/010	
2	13 APR 2009	MWR257/15/98	PE / Consultant	Discussion made at higher management level about Upper Beles area and to continue the assignment/service.		The two consultant will continue for the respective client services; according to the meeting.

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3.7. *Summary of Findings*

- 3.7.1. The procuring process followed the WB standard procedures with some notable delays on both sides of PE and WB.
- 3.7.2. The approval of draft contract document delayed for 3 months (equivalent to 12.5 % of the assignment period) from 01 November 2008 up to 5 February 2009 due to the WB comment especially to submit with draft minutes of negotiation. The WB objected especially the change of payment schedule from the RFP requirement.
- 3.7.3. The service contract for the project was signed on 13th February, 2009 between HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) for a contract period of 24 months.
- 3.7.4. According to the RFP, the commencement date was 9 March 2008. Actually, the service commenced on 23 March 2009 which is after a year, compared to the RFP commencement date.
- 3.7.5. The total payment up to date is about 35 % of the contract price. However, 70.8% of the contract period is elapsed.
- 3.7.6. During the appraisal document the assignment was stated to be Feasibility and Detail Design. However, during implementation changed to Feasibility Study only. That is the detail design part is missed in the HALCROW service.

3.8. *Recommendations*

- 3.8.1. The procurement process delay should be minimized by some means that should be set by the two parties negotiation. For example, WB may assign a staff for the follow up in the PE country during the procurement process.
- 3.8.2. The PE should give more care and emphases to enhance the progress of the project by implementing day to day and weekly follow up.
- 3.8.3. The PE should strengthen the coordination unit/office by hiring individual consultants capable of managing especially contractual and technical issues.
- 3.8.4. Ministry of Water Resources should consider dividing such contract into smaller parallel contracts called lots in order to improve the whole progress of the project.

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Annexes

Annex A – List of Material Project Information

Annex B: - Amount Paid

Annex C: - Sterling payment schedule

Annex D: - Procurement Process of Consultancy Service for 80,000 ha irrigation

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World Bank Financed Ethiopian Nile Irrigation and Drainage Project	BERHANU ALEMSEGED	TESEMA HABTE
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**Annex A – Core List Material Project Information to be Disclosed
and Possible Causes of Concern**

Stage in Project Cycle	Initial List of Disclosures	Additional disclosures	Possible Causes of Concern
Project identification	Project specification	World Bank Financed Ethiopian Nile Irrigation and Drainage Project Consultancy Services for Feasibility Studies of about 80,000ha net area. The project includes: Megech at Robbit:- Gross commanded area of 6,532 ha, net irrigable are of 5,552 ha. Upper Beles:- Gross irrigation command area is 63,200 ha and estimated net area is about 53,720 ha. Negeso Dam Scheme:- The command area is 26,841 ha with net irrigable area of 22,815 ha on both sides of the Negeso River.	The appraisal document states the project to be Feasibility and Detail Design. However, during implementation changed to Feasibility Study only. The detail design part is missed in the HALCROW service.
	Purpose	To sustainably increase agricultural output and productivity in project areas. Increase in quantities of major products marketed by farmers as well as in value added per unit area and worker.	
	Location	Megech at Robbit:- Northern part of the country in Amhara Regional State, North Gonder zone in Dambia Wereda and near northern shoreline of Lake Tana. Upper Beles:- The project area is divided between Amhara and Benishangul- Gumuz National Region State. Negeso Dam Scheme:- The Negeso Dam Scheme site is on both sides of the Negeso River. The project area is located in the Oromia National Regional State of the East Wellega Zone.	
	Intended beneficiaries	<ul style="list-style-type: none"> Local Farmers 	
Project funding	Budget	Lump-Sum (fixed) contract price amounting 2,651,574.55 GBP and local currency 35,725,736.70 ETB with VAT	
Tender process for the contract	Procurement	<ul style="list-style-type: none"> Cost Quality Based Selection 	

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<p><i>for project design</i></p>	<p>Strategy Contract Strategy /Type Tender procedure Number expressing interest Number short listed Number submitting tender Number qualified for Technical proposal Name of main consultant</p>	<p>(CQBS) Method; 80% for Technical and 20% for financial</p> <ul style="list-style-type: none"> • Lump sum Fixed price) • ICB. According to World Bank Guideline • 22 • 6 • 6 • 5 • HALCROW (UK) 	
<p><i>Contract award</i></p>	<p>Contract Signed Commencement date Contract programme Contract price</p>	<ul style="list-style-type: none"> • 13 February 2009 • 28 days after the receipt of the Advance Payment in the Consultants' Bank account 28 days after effective date • 24 months • 2,651,574.55 GBP and 35,725,736.70 ETB with VAT. 	
<p><i>Contract Execution</i></p>	<p>Individual significant changes to the contract which affect</p> <ul style="list-style-type: none"> • the price • the programme 	<ul style="list-style-type: none"> • N/A • According to the RFP, the commencement date was 9 March 2008 • According to Contract agreement, Contract signed on 13 February 2009; Actually, Commenced on 23 March 2009. • The total payment up to date is about 35 % of contract price. However, 70% of the contract period is elapsed. 	<p>The total payment up to July 2010 was about 35 % of the contract price. However, 70.8% of the contract period is elapsed. This also indicates the progress since the payment is based on the progress.</p>
<p><i>Post contract completion</i></p>		<ul style="list-style-type: none"> • Neither the contract period nor the assignment yet not completed. 	

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Annex B: - Amount Paid

S. No	Date	Reference	Paid	
			GBP	ETB
1	27 FEB 2009	MWR 53/01/213 (20 % for advance)		4,808,943.80
2	20 JUN 2009	MWR 54/05/72 (5 % for Draft Inception Report (D1))	103,757.27	
3	08 SEP 2009	MWR 53/01/--- (10 % for Final Inception Report (F1) + draft pre-feasibility report for Negesso Dam (D2))		2,524,695.5
4	08 SEP 2009	MWR 54/01/--- (10 % for Final Inception Report (F1) + draft pre-feasibility report for Negesso Dam (D2))	242,100.29	
5	22 DEC 2009	MWR 53/01/---05 (5 % for Final pre-feasibility for Negesso Dam (F2) + Technical Report on surveys and investigations for Megech (T1))		396,694.35
6	30 DEC 2009	MWR 54/01/205 (5% Final pre-feasibility for Negesso Dam (F2) + Technical Report on surveys and investigations for Megech (T1))	115,285.85	
7	30 DEC 2009	MWR 53/01/022(5% Final pre-feasibility for Negesso Dam (F2) + Technical Report on surveys and investigations for Megech (T1))		1,202,235.95
8	25 FEB 2010	MWR 54/01/2... (10% Technical report on studies and analysis for Megech pump scheme (T4) + Technical report on consultation and development agreements for the Megech scheme (T7))	230,571.70	
9	2 AUG 2010	MWR 53/01/646 (5% for Technical reports on surveys and investigation for the Upper Beles (T2) and Negesso Dam (T3) schemes		344,035.81
10	2 AUG 2010	MWR 53/01/649 (5% for Technical reports on surveys and investigation for the Upper Beles (T2) and Negesso Dam (T3) schemes		1,202,235.95
11	2 AUG 2010	MWR 53/01/647 (5% for Technical reports on surveys and investigation for the Upper Beles (T2) and Negesso Dam (T3) schemes	115,285.85	
Total			807,000.96	10,478,841.36

The total payment up to date is about 35 % of the UK£ and 33.73 % of ETB. However, 70.8% of the contract period is elapsed.

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Annex C: - Sterling payment schedule

S. No.	Description	Payment %	Cumulative %
1	Commencement (Advance Payment)	20	20
2	Draft Inception Report (D1)	5	25
3	Final Inception Report (F1) + draft pre-feasibility report for Negesso Dam (D2)	10	35
4	Final pre-feasibility for Negesso Dam (F2) + Technical Report on surveys and investigations for Megech (T1)	5	40
5	Technical report on studies and analysis for Megech pump scheme (T4) + Technical report on consultation and development agreements for the Megech scheme (T7)	10	50
6	Technical reports on surveys and investigation for the Upper Beles (T2) and Negesso Dam (T3) schemes	5	55
7	Technical report on studies and analysis for the Upper Beles scheme (T5) and draft feasibility study for Megech (D3)	10	65
8	Technical report on consultation and development agreements for the Upper Beles scheme (T8)	5	70
9	Technical report on studies and analysis for the Negesso Dam schemes (T6)	5	75
10	Technical report on consultations and development agreements for the Negesso Dam schemes (T9), and draft feasibility study report for the Upper Beles Scheme (D4)	5	80
11	Draft feasibility study report for Negesso Dam schemes (D5)	5	85
12	Submission and approval of final feasibility study reports for all schemes (F3,F4,F5)	15	100

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**Annex D: - Procurement Process of Consultancy
Service for 80,000 ha irrigation**

S. No	Steps	Price	Time	Remark
1	Specification			<p>Consultancy Services for Feasibility Studies of about 80,000 ha net Irrigation and Drainage Schemes</p> <ul style="list-style-type: none"> • Megech at Robit, (Gross area of 6,532 ha to be commanded with net irrigable are of 5,552 ha.) • Upper Beles, (gross irrigation command area is 63,200 ha and net area is about 53,720) ha, and • Negesso Dam (command area 26,841 ha and net irrigable area of 22,815 ha).
2	<p>Consulting Firms Short listing</p> <ul style="list-style-type: none"> • Expression of interest (EoI) Posted on dg Market /web • Ethiopian Herald Newspaper 		<p>July 31, 2007</p> <p>August 3, 2007 Dead line for submission was August 17, 2007</p>	<ul style="list-style-type: none"> • 22 firms expressed interest • 6 firms short listed
3	Short listing evaluation report		September 2007	<ol style="list-style-type: none"> 1. SNC-LAVALIN International (Canada) and Hydsrosult Inc (Canada) in association with Metaferia Consulting Engineers PLC (Ethiopia), Water and Power Consulting Services (WAPCOS) (India), and Amare and Families Consulting Engineers (ABCE) PLC (Ethiopia) 2. Mott MacDonald Limited in association with BRLi (France), Metaferia Consulting Engineers PLC (Ethiopia), Yerer Engineering (Ethiopia) and Shebelle Consult (Ethiopia). 3. SMEC International Limited (Australia) Pty Ltd in association with WS Atkins International Limited (UK) and Tropics Consulting Engineers PLC (Ethiopia) 4. GIBB Africa Ltd (Kenya) in association with Dillon Consulting (of Canada) 5. HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) 6. Consulting Engineers Service (India)

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				Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia).
4	Submission to the WB for no-objection		13 Oct. 2007	
5	WB no objection		30 Oct. 2007	
6	Request for Proposal (RFP) sent to the WB for no-objection		16 December 2007	
7	WB no objection		17 January 2008	
8	Request for Proposal (RFP) sent for the firms and all the six submitted their proposal		25 January 2008	<ol style="list-style-type: none"> 1. SNC-LAVALIN International (Canada) and Hydsrosult Inc (Canada) in association with Metaferia Consulting Engineers PLC (Ethiopia), Water and Power Consulting Services (WAPCOS) (India), and Amare and Families Consulting Engineers (ABCE) PLC (Ethiopia) 2. Mott MacDonald Limited in association with BRLi (France), Metaferia Consulting Engineers PLC (Ethiopia), Yerer Engineering (Ethiopia) and Shebelle Consult (Ethiopia). 3. SMEC International Limited (Australia) Pty Ltd in association with WS Atkins International Limited (UK) and Tropics Consulting Engineers PLC (Ethiopia) 4. GIBB Africa Ltd (Kenya) in association with Dillon Consulting (of Canada) 5. HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia) 6. Consulting Engineers Service (India) Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia).
9	Firms Proposal		Deadline for submission of proposal extended from March 19, 2008 at 2:00PM to April 03, 2008 at 2:00PM	<ul style="list-style-type: none"> • Two envelops (Technical and financial) • Technical proposals Opened April 03, 2008 at 2:30PM • 6 Number of proposal submitted
10	Proposal Validity data		Extended from 17 June 2008 to 02 July, 2008	<ul style="list-style-type: none"> • 90 days
11	Opening of Technical Proposal		April 03, 2008 at 2:30PM	<ul style="list-style-type: none"> • Number of proposals submitted were 6
12	Technical Evaluation Report Submitted to		2 June 2008	

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	WB		
13	Technical Evaluation Report no objection from WB		10 Sept.2008
14	Notification to NR Bidders		16 Sept. 2008
15	Financial proposal opening		Postponed from 1 Oct. at 2:00 pm to 8 Oct. at 2:00 pm, 2008

16) Technical Score by the Firms (minimum qualifying scores 70%) – accounts 80% from the total

S. No.	Consultant Name	Technical Score %
1	SNC-LAVALIN International (Canada) and Hydsrosult Inc (Canada) in association with Metaferia Consulting Engineers PLC (Ethiopia), Water and Power Consulting Services (WAPCOS) (India), and Amare and Families Consulting Engineers (ABCE) PLC (Ethiopia)	77.79
2	Mott MacDonald Limited in association with BRLi (France), Metaferia Consulting Engineers PLC (Ethiopia), Yerer Engineering (Ethiopia) and Shebelle Consult (Ethiopia).	76.59
3	SMEC International Limited (Australia) Pty Ltd in association with WS Atkins International Limited (UK) and Tropics Consulting Engineers PLC (Ethiopia)	71.86
4	GIBB Africa Ltd (Kenya) in association with Dillon Consulting (of Canada)	78.06
5	HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)	90.46
6	Consulting Engineers Service (India) Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia).	62.92

The consulting firms those who scored above 70% of the technical score were qualified. Consulting Engineers Service (India) Pvt. Ltd. in association with M/S Tropics Consulting Engineers PLC (Ethiopia) rejected to be qualified for the financial evaluation since scored below the minimum required percentage of 70 %. Hence, five firms were qualified for the next financial evaluation.

17) Financial Offer Score – accounts 20% from the total

The evaluation committee assesses the financial proposals submitted by the consultants and evaluated on the basis of the above mentioned criteria. In order to arrive to the final evaluated bid prices conversion of currencies to Ethiopian Birr has been worked out to facilitate calculation of financial scores and ranking. The transaction exchange rates of the National Bank

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of Ethiopia valid at 03 April 2008 were used for the conversion. The financial proposals as readout and after the arithmetic adjustment are also shown in the table below.

The financial proposals

S. No	Lead Consultants' Name	Read out Price		Adjustment	Evaluated Price (s)	Conversion to Evaluation Purpose		Financial Score
		Currency	Amount			Exchange rate (s)	Evaluated Price	
			(1)	(2)	(3) = (1) + (2)	(4)	(5) = (3) (4)	(6)
1	Halcrow Remuneration	GBP	1,959,987		1,959,987	19.0416	37,321,288	
		ETB	7,021,139		7,021,139	1.0000	7,021,139	
	Reimbursable	GBP	345,731		345,731	19.0416	6,583,271	
		ETB	20,392,462		20,392,462	1.0000	20,392,462	
		ETB	559,899		559,899	1.0000	559,899	
		ETB	3,092,358		3,092,358	1.0000	3,092,358	
	Total							74,970,417
2	Gibb Africa Remuneration	USD \$	700,000		700,000	9.5923	6,714,610	
		EUR	1,477,050		1,477,050	14.9879	22,137,878	
		ETB	2,976,000		2,976,000	1.0000	2,976,000	
	Reimbursable	EUR	1,091,322		1,091,322	14.9879	16,356,625	
		ETB	9,398,554		9,398,554	1.0000	9,398,554	
Total							57,583,667	100.00
3	SMEC Remuneration	USD \$	1,370,500		1,370,500	9.5923	13,146,247	
		EUR	1,203,000		1,203,000	14.9879	18,030,444	
		AUD	1,271,000		1,271,000	8.7597	11,133,579	
	Reimbursable	USD \$	619,305		619,305	9.5923	5,940,559	
		USD \$	1,786,830		1,786,830	9.5923	17,139,809	
		AUD	53,600		53,600	8.7597	469,520	
		ETB	6,056,030		6,056,030	1.0000	6,056,030	
Total							71,916,188	80.07
4	SNC-LAVALIN Remuneration	CAD	3,974,500		3,974,500	9.4421	37,527,626	
		ETB	9,345,200		9,345,200	1.0000	9,345,200	
	Reimbursable	CAD	2,583,776		2,583,776	9.4421	24,396,271	
		ETB	11,828,850		11,828,850	1.0000	11,828,850	
Total							83,097,947	69.30
5	Mott MacDonald Remuneration	GBP	415,505		415,505	19.0416	7,911,880	
		EUR	2,395,024		2,395,024	14.9879	35,896,380	
		USD \$	2,289,994		2,289,994	9.5923	21,966,309	
	Reimbursable	GBP	224,000		224,000	19.0416	4,265,318	
		EUR	46,800		46,800	14.9879	701,434	
		USD \$	632,856		632,856	9.5923	6,070,545	
Total							76,811,866	74.97

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18) Combined both Technical and Financial Offer Score

Consultant Name	Technical Evaluation			Financial Evaluation		Combined Evaluation	
	Scores (100%)	Weighted Scores (80%)	Rank	Financial Scores (100%)	Weighted Scores (20%)	Scores	Rank
	S (t)	S (t) x T		S (f)	S (f) x F	S(t) + S(f)F	
Halcrow	90.46	72.368	1	76.81	15.36	87.73	1
Gibb Africa	78.06	62.448	2	100.00	20.00	82.45	2
SMEC	77.79	62.232	3	69.30	13.86	76.09	3
SNC-LAVALIN	76.59	61.272	4	74.97	14.99	76.26	4
Mott MacDonald	71.86	57.488	5	80.07	16.01	73.50	5

S. No.	Steps	Cost	Time	Remark
19	Combined Technical and Financial Report		October 2008	
20	Combined Technical and Financial Report Submitted to WB		01 Nov. 2008	
21	WB no objection		5 Feb. 2009	<ul style="list-style-type: none"> WB commented especially to be submitted with draft minutes of negotiation. On the minutes of negotiation the WB commented the change of payment schedule from the RFP requirement; hence the no objection delayed.
22	Contract Agreement Signed for the Feasibility Study	Lump-Sum of without VAT <ul style="list-style-type: none"> 2,305,717.00 GBP and 31,065,858 . 00 ETB with VAT <ul style="list-style-type: none"> 2,651,574.55 GBP and 35,725,736.70 ETB 	13 February 2009 for 24 months	Between MoWR and HALCROW (UK) in association with Generation Integrated Rural Development (GIRD) Consulting (Ethiopia)
23	Contract signed and Commencement		Contract signed on 13 February 2009; Commencement date 28 days after the receipt of the Advance	<ul style="list-style-type: none"> According to the RFP, the commencement date was 9 March 2008 According to Contract agreement Contract signed on 13 February 2009; Commencement date 28 days after the receipt of the Advance Payment in the

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World Bank Financed Ethiopian Nile Irrigation and Drainage Project Feasibility Study (Approx.820,000ha Irrigation & Drainage)	BERHANU ALEMSEGED	TESEMA HABTE
		October 2010

ETHIOPIA

		Payment in the Consultants' Bank account	Consultants' Bank account Actually, Commenced on 23 March 2009.
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World Bank Financed Ethiopian Nile Irrigation and Drainage Project	BERHANU ALEMSEGED	TESEMA HABTE
Feasibility Study (Approx.820,000ha Irrigation & Drainage)		October 2010